Internet Submittal 2015-04-30

	Request C	Confidentiality - Che	ck this bo	x only if you i	inten	d to formally re	quest confide	ntiality	/ (see instr	uctions online).
FACILITY NAME				FIP	s cou	INTY NO.	PLANT NO.		YEAR OF DATA	A
NEW MADE	RID POWER PLA	ANT MARSTON				143	0004			2014
FACILITY STREET	ADDRESS				UNTY	NAME			<u> </u>	
41 ST. JUDI						MADRID				
	E ROAD								_	
CITY		ZIP CODE + 4		PHONE NUMBER WITH AREA CODE			EXT.			WITH AREA CODE
MARSTON	000	573	3-64	3-2211	6240		573	-643-2001		
FACILITY MAILING		CITY					STATE	ZIP CODE + 4		
PO BOX 15		NEW MADE	RID				MO	63869 - 0000		
FACILITY CONTAC	T NAME	FACILITY CONTACT TITLE		FACILITY CONTAC	CT E-M	AIL	WHERE TO SEND E	IQ IN FU	TURE (CHECK C	DNE)
KEVIN FARME	R	SAFETY & ENVIRONI	MENT	kfarmer@AEC	I.OR	3	X Facility Mailing	g Address	3	
							Parent Compa	nv Mailin	ia Address	
DD OD LOT /DD IN OU	DAL ACTIVITY		Taia	Lunios .					gridaress	
PRODUCT/PRINCII		IT./	SIC	NAICS	004	440	NUMBER OF EMPLO	JYEES	400.00	
	ELECTRICI		4911	<u> </u>	221				198.00	
	LATITUDE	LONGITUDE			-		ORDINATES			
DEGREES	36	-89	ZONE	EASTING(M)		NORTHING(M)	ACC(M)		HORIZONTAL	_ DATUM (Check One)
MINUTES	30	33	15N	807548.364		4046588.068	15.0		NAD:	27 WGS84
			_						X NAD	83
SECONDS	54.9036	56.7252								
PARENT COMPAN	Y NAME			PHONE NUMBER	WITH A	AREA CODE	EXT.		FAX NUMBER	
ASSOCIATE	ED ELECTRIC C	COOPERATIVE IN	С	417	7-88	1-1204	222		417	-885-9394
MAILING ADDRESS	3			CITY			STATE		ZIP CODE + 4	
2814 S GOL	DEN AVE			SPRINGFIE	ELD		MO		658	307 - 3213
PO BOX 75	4									
CONTACT PERSOI	N NAME	CONTACT PERSON TITLE		CONTACT PERSO	N E-M	AIL			COUNTRY	
TADD HENRY		SUPV. AIR QUALITY		THENRY@AECI.0			ORG		UNITI	ED STATES
TOTAL PLA	NT EMISSIONS	FROM FORM 3.0	(TONS P	PER YEAR)						
PM10	SOx	NOx VC	•	co		LEAD	HAPs	PM25	5	NH3
914.25	16,671.96	20,566.97	262.86	4,863.5	59	0.07	145.66		554.04	1.34
The undersig	ned hereby certific	es that they have per	sonally exa	mined and are	e fam	iliar with the info	rmation and sta	temen	its containe	d
		they believe this info					-		-	
	KNOWINGIY MAKING ERSON COMPLETING FO	a false statement or	misreprese	enting the facts	Ť		cument is a viola			
PRINT NAME OF P	ERSON COMPLETING FC	/KIVI			TITLI	E		PAYMEN	NT AMOUNT	
SIGNATURE					DATE	E		CHECK/	AUTH.NO.	
PRINT NAME OF A	UTHORIZED COMPANY R				TITLI			DAVMEN	NT DATE	
	01110111222 001111 71111 1					_		TATIVIE	TI DATE	
SIGNATURE					DATE	Ē				
CONTACT IN	FORMATION							OFF	FICE USE ONLY	
Missouri Depa	artment of Natural	Resources					LOGGED IN BY		DAT	E
	Control Program									
	1659 E. Elm St.									
Jefferson City (573) 751-481	, Mo 65102-0176 7									
, ,	, ·8 - MOEIS Help □	Desk								
www.dnr.mo.g	gov/env/apcp/moe	is/emissionsreporting	յ.htm							
eiq@dnr.mo.g	IOV									

EIQ Comments

NEW MADRIE	POWER PLANT	MARSTON	FIPS COUNTY NO.	PLANT NO. 0004	YEAR OF DATA 2014		
EMISSION YEAR 2017	USER ID NR\$YIETU	EIQ COMMENT EP-16 PAC Silo and FE-08 Pave	d PAC Haul Road a	dded.			
2017	NR\$YIETU	SCRs on each unit ran during ozo	one season only.				
2016	NR\$YIETU	Overall emissions down on Unit 1	due to extended sp	oring maintenance o	utage.		
2016	NR\$YIETU	SCRs for each unit only ran a limited amount of time during the first month of the year for all Thus, NOx emissions increased and NH3 emissions decreased for 2016.					
2015	NRSTOCT	PMcon was added to diesel comb	oustion emissions (S	SCC 10100501) for b	ooth boilers.		
2015	NR\$YIETU	NOx emissions reduced as a resu	ult of running the SC	Rs on each unit.			
2015	NR\$YIETU	NH3 emissions increase due to u	se of SCRs on each	unit.			
2015	NR\$YIETU	Overall emissions down due to explaced in reserve shutdown statu					
2014	NRWANSB	Changed the exit gas veloicty for 7/10/15. Kevin also confirmed the					



MISSOURI DEPARTMENT OF NATURAL RESOURCES AIR POLLUTION CONTROL PROGRAM

EMISSIONS INVENTORY QUESTIONNAIRE, OR EIQ FORM 1.2 SUMMARY OF EMISSION UNITS AND RELATED PROCESSES

FACILITY NAME	FIPS COUNTY NO.	PLANT NO.	YEAR OF DATA
NEW MADRID POWER PLANT MARSTON	143	0004	2014

INSTRUCTIONS If all emissions are below the reporting threshold, mark below as "Insignificant", and do not report on Forms 2.0 and 3.0.

If one pollutant ex	ceeds the rep	oorting threshol	d, mark below	as "Active" a	ind report all p	ollutants on Forn	ns 2.0 and 3.0.				
				REPORTING	THRESHOL	D					
Pollutant	PM10	SOx	NOx	VOC	СО	CATEGORY 1 HAPs	CATEGORY 2 HAPs	PM2.5	NH3		
Threshold (lbs.)	876	2,000	2,000	876	2,000	20	200	876	876 0.438		
Threshold (tons) EMISSION UNIT NO.	0.438	1.0	1.0	0.438	1.0 0.01 0.1 0.438 0.4 OPERATING STATUS (CHOOSE ONE)						
		MISSION UNIT									
scc EP-01	(USE S	AME DESCRI	PTION ON FO	ORM 2.0)	Active	Inactive	Dismantled	Under Construction	Insignificant		
EP-01		BOILE	ER #1		×		\sqcup				
10100501											
EP-01		BOILE	ER #1		×						
10100223											
EP-01		BOILE	ER #1		×						
10100203											
EP-01		BOILE	ED #1		×						
10101302		BOILE	-K #1								
EP-02		BOILE	ER #2		×						
10100501											
EP-02		BOILE	ER #2		×						
10100203											
EP-02		BOILE	ER #2		×						
10100223											
EP-02		BOILE	ER #2		×						
10101302											
EP-03	E	MERGENCY	GENERATO)R	×						
20100102	_		0								
EP-04		COAL UN	LOADING		×						
30501008											
EP-05		COAL CO	NVEYING		×						
30501011											
EP-05		COAL CO	NVFYING		×						
30501011		00/12/00									
EP-05		COAL CO	NVEYING		×						
30501011											
EP-05		COAL CO	NVEYING		×						
30501011											
EP-06		COAL CF	RUSHING		×						
30501010								ĺ	ĺ		

EP-07		T—	I—	I—	I—	_
	ASH LOADING	×				Ш
30501015						
EP-07	ASH LOADING	\times				
30501015						
EP-08	GASOLINE STORAGE	×				
40400101						
EP-08	GASOLINE STORAGE	×				
40400107						
EP-09	BARGE DIESEL PUMPS	×				
20200102						
EP-10	Internal Combustion Engines	×				
20200401	Industrial - Large Bore Engine Diesel Fuel Fired					
EP-11	Truck load-in of fly ash	×				
30501110	Tradicional in or my doi:					
EP-12	Truck load-out of fly ash	×				
30501110	,					
EP-14	Truck load-in of bottom ash	×				
30501110						
EP-15	Truck load-out of bottom ash	\times				
30501110						
FE-01	COAL PILE	×				
30501043						
FE-01	COAL PILE	\times				
30502007						
FE-02	HAUL ROAD	×				
30502011						
FE-03	ASH UNLOADING	×				
30501008						
FE-04	Paved haul road to landfill (fly ash only)	×				
30501024	()					
FE-05	Unpaved haul road to landfill (fly ash and bottom	×				
30501024	ash)					
FE-06	Landfill Pile Maintenance	×				
30502007	Zarramin no maritoriarios					
FE-07	Landfill Wind Erosion	×				
50300810						
	Only emission units marked "A information displayed	ctive" on this p	age will have th	neir associated	Form 2.0 and w	orksheet

FACILITY NAME				FIPS COUI	NTV NO	PLANT NO.	YEAR OF DATA
	D POWER PLA	ANT MARSTON	I	FIPS COOL	143	0004	2014
1. EMISSION	UNIT IDENTIFIC	ATION					
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION					
EP-01				BOIL	.ER #1		
2. EMISSION	PROCESS DETA	AIL					
SEG. NO.	SOURCE CLASSIFI	ICATION CODE (SCC)		SCC DESC	CRIPTION		
3		101005	501			Grades 1 and 2 C	Dil
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	OMPLETE FORM 2.0S STACK/	VENT INFORMATION
ARE THE EMISSION	S FROM THIS UNIT FUG	iTIVE?	Yes X No	IF FUGITIV	E, WHAT PERCENTAG	E?	
3. OPERATING	G RATE/SCHED	ULE				4. ANNUAL FUEL C	HARACTERISTICS
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)	.95	For coal or fuel oil, lis	st details below
17	73.63	1000 G	ALLONS	MAR-MAY (%)	.77	Heat Content (BTU/Fuel Unit) 140,	000,000.00
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)	
TIOONO/D/N	DATOMEER	WEEKOTETK	TOTAL HOOKS, TEXIK	` '	.52	7011 % (1102002 11121)	0.00
20.00	2.00	6	240.00	SEPT-NOV (%)		SULFUR % (INCLUDE IN EF)	
				21	.76		0.00
5. EMISSION	CALCULATIONS	3					
AIR POLLUTANT	1. SOURCE OF	2. EMISSION	3. EMISSION	4. OVERALL	5. ACTUAL		l Throughput
	EMISSION FACTOR	FACTOR	FACTOR(EF) CONTROL STATUS	CONTROL EFFICIENCY (% FORMAT)	EMISSIONS (TONS/YR)	x (1-Overa	ssion Factor Il Control Eff/100) - 2000
Instructions	FACTOR		CONTROL STATUS	EFFICIENCY (% FORMAT)	(TONS/YR)	x (1-Overal - = Actual E	II Control Eff/100)
Instructions:		FACTOR Lbs./unit of throughput	CONTROL	EFFICIENCY		x (1-Overa	Il Control Eff/100) - 2000
Instructions: PM10 FIL *	FACTOR Choose from the Source of Emission Factor list		CONTROL STATUS	EFFICIENCY (% FORMAT) Combination of all capture and destruction	(TONS/YR) If controlled, include Form 2.0C Control	x (1-Overal = Actual E List Other Worksheets or AP-42/Other Reference	Il Control Eff/100) - 2000
	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	CONTROL STATUS If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	(TONS/YR) If controlled, include Form 2.0C Control Device Listing	x (1-Overal = Actual E List Other Worksheets or AP-42/Other Reference	Il Control Eff/100) - 2000 missions (tons)
PM10 FIL *	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	CONTROL STATUS If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	(TONS/YR) If controlled, include Form 2.0C Control Device Listing	= Actual E List Other Worksheets or AP-42/Other Reference	II Control Eff/100) ÷ 2000 missions (tons)
PM10 FIL *	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	CONTROL STATUS If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	(TONS/YR) If controlled, include Form 2.0C Control Device Listing	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN	II Control Eff/100) = 2000 missions (tons) IISSION FACTOR LIST Include documentation Include documentation Include documentation
PM10 FIL * SOx NOx	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput 1.0000	If EF includes control mark "C", otherwise "U" No Control	Combination of all capture and destruction efficiencies 81.79	(TONS/YR) If controlled, include Form 2.0C Control Device Listing	x (1-Overal = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42	Il Control Eff/100) = 2000 missions (tons) MISSION FACTOR LIST Include documentation Include documentation
PM10 FIL *	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	CONTROL STATUS If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	(TONS/YR) If controlled, include Form 2.0C Control Device Listing	## Company of the content of the con	II Control Eff/100) = 2000 missions (tons) IISSION FACTOR LIST Include documentation Include documentation Include documentation Include reference
PM10 FIL * SOx NOx VOC	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput 1.0000	If EF includes control mark "C", otherwise "U" No Control	Combination of all capture and destruction efficiencies 81.79	If controlled, include Form 2.0C Control Device Listing 0.02	## Company of the content of the con	Il Control Eff/100) 2000 missions (tons) Il SION FACTOR LIST Include documentation Include documentation Include documentation Include reference Include documentation
PM10 FIL * SOx NOx	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput 1.0000	If EF includes control mark "C", otherwise "U" No Control	Combination of all capture and destruction efficiencies 81.79	If controlled, include Form 2.0C Control Device Listing 0.02	## Company of the content of the con	II Control Eff/100) 2000 missions (tons) IISSION FACTOR LIST Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation
PM10 FIL * SOx NOx VOC CO	Choose from the Source of Emission Factor list at lower right 4F	Lbs./unit of throughput 1.0000 0.2000	If EF includes control mark "C", otherwise "U" No Control No Control	Combination of all capture and destruction efficiencies 81.79	If controlled, include Form 2.0C Control Device Listing 0.02	## Company of the content of the con	II Control Eff/100) = 2000 missions (tons) IISSION FACTOR LIST Include documentation Include documentation Include reference Include documentation
PM10 FIL * SOx NOx VOC	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput 1.0000	If EF includes control mark "C", otherwise "U" No Control	Combination of all capture and destruction efficiencies 81.79	If controlled, include Form 2.0C Control Device Listing 0.02	## Company of the content of the con	II Control Eff/100) 2000 missions (tons) IISSION FACTOR LIST Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output
PM10 FIL * SOx NOx VOC CO LEAD	Choose from the Source of Emission Factor list at lower right 4F	Lbs./unit of throughput 1.0000 0.2000	If EF includes control mark "C", otherwise "U" No Control No Control	Combination of all capture and destruction efficiencies 81.79	If controlled, include Form 2.0C Control Device Listing 0.02	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal	Il Control Eff/100) 2000 missions (tons) Il SION FACTOR LIST Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3
PM10 FIL * SOx NOx VOC CO	Choose from the Source of Emission Factor list at lower right 4F	Lbs./unit of throughput 1.0000 0.2000	If EF includes control mark "C", otherwise "U" No Control No Control	Combination of all capture and destruction efficiencies 81.79	If controlled, include Form 2.0C Control Device Listing 0.02	## Company of the content of the con	Il Control Eff/100) 2000 missions (tons) Il Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3 Complete Form 2.4
PM10 FIL * SOx NOx VOC CO LEAD HAPs	Choose from the Source of Emission Factor list at lower right 4F 4F	1.0000 0.2000 0.0013	If EF includes control mark "C", otherwise "U" No Control No Control No Control	Combination of all capture and destruction efficiencies 81.79	If controlled, include Form 2.0C Control Device Listing 0.02 0.02	## Company of the content of the con	II Control Eff/100) 2000 missions (tons) IISSION FACTOR LIST Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3 Complete Form 2.4 Complete Form 2.7
PM10 FIL * SOx NOx VOC CO LEAD	Choose from the Source of Emission Factor list at lower right 4F	Lbs./unit of throughput 1.0000 0.2000	If EF includes control mark "C", otherwise "U" No Control No Control	Combination of all capture and destruction efficiencies 81.79	If controlled, include Form 2.0C Control Device Listing 0.02	## Company of the content of the con	Il Control Eff/100) 2000 missions (tons) Il Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3 Complete Form 2.4
PM10 FIL * SOx NOx VOC CO LEAD HAPs PM2.5 FIL *	Choose from the Source of Emission Factor list at lower right 4F 4F	1.0000 0.2000 0.0013	If EF includes control mark "C", otherwise "U" No Control No Control No Control	Combination of all capture and destruction efficiencies 81.79	If controlled, include Form 2.0C Control Device Listing 0.02 0.02	## Company of the content of the con	Il Control Eff/100) 2000 missions (tons) Ilssion Factor List Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.8
PM10 FIL * SOx NOx VOC CO LEAD HAPs	Choose from the Source of Emission Factor list at lower right 4F 4F	1.0000 0.2000 0.0013	If EF includes control mark "C", otherwise "U" No Control No Control No Control	Combination of all capture and destruction efficiencies 81.79	If controlled, include Form 2.0C Control Device Listing 0.02 0.02	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road 2.8. Storage Pile 2.T. HAP Worksheet	Il Control Eff/100) 2000 missions (tons) Illission Factor List Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.7 Complete Form 2.8 Complete Form 2.T

FACILITY NAME NEW MADRID POWE	NEW MADRID POWER PLANT MARSTON				PLANT NO. 0004	YEAR OF DATA 2014
EMISSION UNIT NO.			SOURCE C	LASSIFICATION C	ODE (SCC)	SEG. NO.
	EP-01			10	3	
1. COMBUSTION EQUIP	PMENT INFORM	ATION				
COAL FIRING CODE LIST	EQI	UIPMENT DESCRIPTION		YEAR PUT IN SERVICE	COAL FIRING CODE NO. (CODE LIST AT LEF	MAXIMUM DESIGN RATE (MILLION BTU/HR.)
1. TANGENTIAL	BOIL	LER #1 - 1 & 2 FUEL OIL	(01/01/1972	2	6,340.000000
2. OPPOSED						
3. FRONT						
4. DRY/WET BOTTOM						
OTHER (SPECIFY)						
			Sum	of total maxi	mum hourly design rate	es 6,340.0000
COMBUSTION EQUIPM	IENT USE (CHEC	CK ONE)				
X Electric power gener	ation	Industrial use	Comm	nercial/Institu	tional Spac	e heating
Other (specify):						
COMBUSTION EQUIPM	ENT CATEGOR	Y - COAL USE ONLY (CHECK	ONE)			
Pulverized coal	Pulveriz	ed coal dry bottom	ulverized	coal wet bo	ttom X Cyclor	ie
Fluidized bed	Spreade	er stoker C	Overfeed	stoker	Under	feed stoker
Hand fired	Other (s	pecify):				
2. FUEL INFORMATION	(CHECK ONLY	ONE)				
LIQUID FUEI	LS	GASEOUS FUELS		SOI	LID FUELS	OTHER
Ethanol		Blast oven gas		Anthracite (Coal	Other (specify):
X Fuel oil 1-4 (distillate	e) [Coke oven gas		Bagasse		
Fuel oil 5-6 (residual) [Liquid propane gas (LPG)		Bark		
Gasoline		Natural gas		Bituminous	coal	
Kerosene				Coke		
				Lignite		
				Subbitumin	ous coal	
				Wood		
3. CALCULATION OF M	IAXIMUM HOUR	LY DESIGN RATE				
TOTAL HEAT CO (BTU/FUEL U		MAXIMUM HOURLY DESIG (FUEL UNIT/HR.)	N RATE	= Ma	ximum Design Rate (mmbtu/l	
140,000,000.0	000000	45.28571		1	. loat Goment (t	,

FACILITY NAME				FIPS COU	NTV NO	PLANT NO.	YEAR OF DATA
	D POWER PLA	ANT MARSTON	l	1110000	143	0004	2014
1 EMISSION I	UNIT IDENTIFIC	ATION					
EMISSION UNIT NO.							
EP-01				BOIL	.ER #1		
2. EMISSION I	PROCESS DETA	AIL					
SEG. NO.	SOURCE CLASSIFI	ICATION CODE (SCC)		SCC DESC	CRIPTION		
2		101002	23		Cyclone	Furnace (Subbitum	ninous Coal)
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	OMPLETE FORM 2.0S STACK/\	/ENT INFORMATION
ARE THE EMISSIONS	S FROM THIS UNIT FUG	ilTIVE?	Yes X No	IF FUGITIV	/E, WHAT PERCENTAG	E?	
3. OPERATING	G RATE/SCHED	ULE				4. ANNUAL FUEL C	HARACTERISTICS
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)		For coal or fuel oil, lis	st details below
				29	.19		
2 342	2,839.00	TC	ONS	MAR-MAY (%)		Heat Content (BTU/Fuel Unit)	
2,012	.,000.00		2110	23	3.99	17,2	238,987.00
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)	
TIOOKS/DAT	DATS/WEEK	WEEKS/TEAK	TOTAL HOURS/TEAK	` '	.66	ASIT % (INCLUDE IN ET)	4.74
24.00	7.00	46	7,728.00	SEPT-NOV (%)	5.16	SULFUR % (INCLUDE IN EF)	0.20
				25	0.10		0.20
5. EMISSION	CALCULATIONS	3					
AIR POLLUTANT	1. SOURCE OF	2. EMISSION	3. EMISSION	4. OVERALL	5. ACTUAL		Throughput
	EMISSION FACTOR	FACTOR	FACTOR(EF) CONTROL STATUS	CONTROL EFFICIENCY (% FORMAT)	EMISSIONS (TONS/YR)	x (1-Overal	ssion Factor Il Control Eff/100) - 2000
	EMISSION		FACTOR(EF) CONTROL	CONTROL EFFICIENCY	EMISSIONS	x (1-Overal	I Control Eff/100)
Instructions:	EMISSION		FACTOR(EF) CONTROL	CONTROL EFFICIENCY	EMISSIONS	x (1-Overal	Il Control Eff/100) - 2000
	EMISSION FACTOR Choose from the Source of Emission Factor list	FACTOR	FACTOR(EF) CONTROL STATUS	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction	EMISSIONS (TONS/YR)	x (1-Overal = Actual E List Other Worksheets or AP-42/Other Reference	Il Control Eff/100) - 2000
Instructions: PM10 FIL *	EMISSION FACTOR Choose from the Source of Emission Factor list at lower right	FACTOR Lbs./unit of throughput 22.4276	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72	x (1-Overal = Actual E List Other Worksheets or AP-42/Other Reference	Il Control Eff/100) - 2000 missions (tons)
Instructions:	Choose from the Source of Emission Factor list at lower right	FACTOR Lbs./unit of throughput	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U"	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing	x (1-Overal = Actual E List Other Worksheets or AP-42/Other Reference	Il Control Eff/100) - 2000 missions (tons)
Instructions: PM10 FIL *	Choose from the Source of Emission Factor list at lower right	FACTOR Lbs./unit of throughput 22.4276	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72	x (1-Overal = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN	Il Control Eff/100) - 2000 missions (tons) IISSION FACTOR LIST Include documentation
Instructions: PM10 FIL * SOx	Choose from the Source of Emission Factor list at lower right	FACTOR Lbs./unit of throughput 22.4276 6.9515	If EF includes control mark "C", otherwise "U" No Control No Control	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00 0.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72 8,143.10	x (1-Overal = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test	Il Control Eff/100) 2 2000 missions (tons) IISSION FACTOR LIST Include documentation Include documentation
Instructions: PM10 FIL * SOx	Choose from the Source of Emission Factor list at lower right	FACTOR Lbs./unit of throughput 22.4276 6.9515	If EF includes control mark "C", otherwise "U" No Control No Control	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00 0.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72 8,143.10	x (1-Overal = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance	Il Control Eff/100) 2000 missions (tons) IISSION FACTOR LIST Include documentation Include documentation Include documentation
Instructions: PM10 FIL * SOx NOx	Choose from the Source of Emission Factor list at lower right 2 1	FACTOR Lbs./unit of throughput 22.4276 6.9515 139.3808	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00 0.00 93.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72 8,143.10 11,429.13	x (1-Overal = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42	Il Control Eff/100) 2000 missions (tons) IISSION FACTOR LIST Include documentation Include documentation Include documentation
Instructions: PM10 FIL * SOx NOx	Choose from the Source of Emission Factor list at lower right 2 1	FACTOR Lbs./unit of throughput 22.4276 6.9515 139.3808	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00 0.00 93.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72 8,143.10 11,429.13	x (1-Overal = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE	Il Control Eff/100) 2000 missions (tons) IISSION FACTOR LIST Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation
Instructions: PM10 FIL * SOx NOx VOC CO	Choose from the Source of Emission Factor list at lower right 2 1 1 4F 1	FACTOR Lbs./unit of throughput 22.4276 6.9515 139.3808 0.1100 2.3592	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control No Control No Control	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00 0.00 93.00 0.00 0.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72 8,143.10 11,429.13 128.86 2,763.62	x (1-Overal = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other	Il Control Eff/100) 2000 missions (tons) IlISSION FACTOR LIST Include documentation Include documentation Include documentation Include reference Include documentation
Instructions: PM10 FIL * SOx NOx VOC	Choose from the Source of Emission Factor list at lower right 2 1 4F	Ebs./unit of throughput 22.4276 6.9515 139.3808 0.1100	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00 0.00 93.00 0.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72 8,143.10 11,429.13 128.86	x (1-Overal = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program	Il Control Eff/100) 2000 missions (tons) IISSION FACTOR LIST Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output
Instructions: PM10 FIL * SOx NOx VOC CO LEAD	Choose from the Source of Emission Factor list at lower right 2 1 4F 1 5	Ebs./unit of throughput 22.4276 6.9515 139.3808 0.1100 2.3592 0.0000	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control Control Controlled	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00 0.00 93.00 0.00 0.00 0.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72 8,143.10 11,429.13 128.86 2,763.62 0.03	### TANKS Program 2.3. VOC Mass Bal	Il Control Eff/100) - 2000 missions (tons) Ilssion Factor List Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3
Instructions: PM10 FIL * SOx NOx VOC CO	Choose from the Source of Emission Factor list at lower right 2 1 1 4F 1	FACTOR Lbs./unit of throughput 22.4276 6.9515 139.3808 0.1100 2.3592	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control No Control No Control	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00 0.00 93.00 0.00 0.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72 8,143.10 11,429.13 128.86 2,763.62	### TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading	Il Control Eff/100) - 2000 missions (tons) Ilission Factor List Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3 Complete Form 2.4
Instructions: PM10 FIL * SOx NOx VOC CO LEAD HAPs	Choose from the Source of Emission Factor list at lower right 2 1 4F 1 5 2T	FACTOR Lbs./unit of throughput 22.4276 6.9515 139.3808 0.1100 2.3592 0.0000 0.0612	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control Control Controlled No Control	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00 0.00 93.00 0.00 0.00 0.00 0.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72 8,143.10 11,429.13 128.86 2,763.62 0.03 71.73	## Company of the content of the con	Il Control Eff/100) 2000 missions (tons) IISSION FACTOR LIST Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3 Complete Form 2.4 Complete Form 2.7
Instructions: PM10 FIL * SOx NOx VOC CO LEAD	Choose from the Source of Emission Factor list at lower right 2 1 4F 1 5	Ebs./unit of throughput 22.4276 6.9515 139.3808 0.1100 2.3592 0.0000	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control Control Controlled	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00 0.00 93.00 0.00 0.00 0.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72 8,143.10 11,429.13 128.86 2,763.62 0.03	## Company of the content of the con	Il Control Eff/100) 2000 missions (tons) Illssion Factor List Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.8
Instructions: PM10 FIL * SOx NOx VOC CO LEAD HAPs PM2.5 FIL *	Choose from the Source of Emission Factor list at lower right 2 1 1 4F 1 5 2T	Ebs./unit of throughput 22.4276 6.9515 139.3808 0.1100 2.3592 0.0000 0.0612 9.4886	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control Control Controlled No Control No Control	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00 0.00 93.00 0.00 0.00 0.00 99.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72 8,143.10 11,429.13 128.86 2,763.62 0.03 71.73 111.15	## Company of the content of the con	Il Control Eff/100) 2000 missions (tons) Ilssion Factor List Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.8 Complete Form 2.7
Instructions: PM10 FIL * SOx NOx VOC CO LEAD HAPs	Choose from the Source of Emission Factor list at lower right 2 1 4F 1 5 2T	FACTOR Lbs./unit of throughput 22.4276 6.9515 139.3808 0.1100 2.3592 0.0000 0.0612	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control Control Controlled No Control	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00 0.00 93.00 0.00 0.00 0.00 0.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72 8,143.10 11,429.13 128.86 2,763.62 0.03 71.73	## Company of the content of the con	Il Control Eff/100) 2000 missions (tons) Ilission Factor List Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.8 Complete Form 2.9
Instructions: PM10 FIL * SOx NOx VOC CO LEAD HAPs PM2.5 FIL *	Choose from the Source of Emission Factor list at lower right 2 1 1 4F 1 5 2T	Ebs./unit of throughput 22.4276 6.9515 139.3808 0.1100 2.3592 0.0000 0.0612 9.4886	FACTOR(EF) CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control Control Controlled No Control No Control	CONTROL EFFICIENCY (% FORMAT) Combination of all capture and destruction efficiencies 99.00 0.00 93.00 0.00 0.00 0.00 99.00	EMISSIONS (TONS/YR) If controlled, include Form 2.0C Control Device Listing 262.72 8,143.10 11,429.13 128.86 2,763.62 0.03 71.73 111.15	## Company of the content of the con	Il Control Eff/100) 2000 missions (tons) Ilssion Factor List Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.8 Complete Form 2.7



MISSOURI DEPARTMENT OF NATURAL RESOURCES AIR POLLUTION CONTROL PROGRAM

EMISSIONS INVENTORY QUESTIONNAIRE, OR EIQ FORM 2.T HAZARDOUS AIR POLLUTANT WORKSHEET

FACILITY NAME	FIPS COUNTY NO.	PLANT NO.	YEAR OF DATA
NEW MADRID POWER PLANT MARSTON	143	0004	2014
EMISSION UNIT NO.	SOURCE CLASSIFICATION CODE (SCC)		SEG. NO.
EP-01	10100223		2

Use this form to report any Hazardous Air Pollutant, or HAP, which is emitted in any amount greater than the chemical reporting levels per each emission unit. The instructions for this form provide a list of the HAPs regulated under the Clean Air Act. The amount emitted (Column 4) should be reported before control equipment reductions are applied. Provide documentation (other worksheets, etc.) if the amount in Column 3 does not equal the amount in Column 4. The HAP reporting levels per emission unit are as follows: Category 1 HAPs - sum of 20 pounds per year: All other HAPs - sum of 200

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
HAP CHEMICAL	CAS NUMBER	AMOUNT USED OR HANDLED (LBS./YR.)	UNCONTROLLED AMOUNT EMITTED (LBS./YR.)	UNCONTROLLED EMISSIONS REPORTED AS VOC OR PM10 (LBS./YR.)	UNCONTROLLED EMISSIONS REPORTED AS HAPs (LBS./YR.)	HAP CONTROL DEVICE(S)	CONTROL EFFICIENCY (%)	CONTROLLED EMISSIONS REPORTED AS VOC OR PM10 (LBS./YR.)	CONTROLLED EMISSION REPORTED AS HAPs (LBS./YR.)
Acetaldehyde	75-07-0	129.23	129.23	129.23	0.00		0.00000	129.23	0.0
Arsenic compounds	20-01-9	18.38	18.38	18.38	0.00		0.00000	18.38	0.0
Benzene	71-43-2	157.50	157.50	157.50	0.00		0.00000	157.50	0.0
Chromium compounds	20-06-4	137.81	137.81	137.81	0.00		0.00000	137.81	0.0
Cobalt compounds	20-07-5	0.00	0.00	0.00	0.00		0.00000	0.00	0.0
Dichloromethane	75-09-2	145.39	145.39	0.00	145.39		0.00000	0.00	145.3
Dimethyl sulfate	77-78-1	0.00	0.00	0.00	0.00		0.00000	0.00	0.0
Dioctyl phthalate	117-81-7	145.39	145.39	145.39	0.00		0.00000	145.39	0.0
ormaldehyde	50-00-0	0.00	0.00	0.00	0.00		0.00000	0.00	0.0
Hydrogen chloride	7647-01-0	8,765.54	8,765.54	0.00	8,765.54		0.00000	0.00	8,765.5
Hydrogen fluoride	7664-39-3	134,526.01	134,526.01	0.00	134,526.01		0.00000	0.00	134,526.0
Manganese compounds	20-12-2	195.36	195.36	195.36	0.00		0.00000	195.36	0.0
	ı			SUM (LBS./YR.)	SUM (LBS./YR.)			SUM (LBS./YR.)	SUM (LBS./YI
		HAF	P Emission Totals =	1,091.60	ŕ			1,091.60	143,469.2
Uncontrolled HAP Emis	ssion Factor =		olled emissions rep al)/Annual Through		11. HAP EMISSION FACTOR 0.06123736				

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
HAP CHEMICAL	CAS NUMBER	AMOUNT USED OR HANDLED (LBS./YR.)	UNCONTROLLED AMOUNT EMITTED (LBS./YR.)	UNCONTROLLED EMISSIONS REPORTED AS VOC OR PM10 (LBS./YR.)	UNCONTROLLED EMISSIONS REPORTED AS HAPS (LBS./YR.)	HAP CONTROL DEVICE(S)	CONTROL EFFICIENCY (%)	CONTROLLED EMISSIONS REPORTED AS VOC OR PM10 (LBS./YR.)	CONTROLLED EMISSIONS REPORTED AS HAPs (LBS./YR.)
Mercury compounds	20-13-3	32.34	32.34	0.00	32.34		0.00000	0.00	32.34
Methyl chloride	74-87-3	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Methyl ethyl ketone	78-93-3	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Methyl hydrazine	60-34-4	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
N-Hexane	110-54-3	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Nickel compounds	20-14-4	145.18	145.18	145.18	0.00		0.00000	145.18	0.00
Phenol	108-95-2	133.27	133.27	133.27	0.00		0.00000	133.27	0.00
Vinyl chloride	75-01-4	29.48	29.48	29.48	0.00		0.00000	29.48	0.00
		HAF	P Emission Totals =	SUM (LBS./YR.) 1,091.60	sum (LBS./YR.) 143,469.28			SUM (LBS./YR.) 1,091.60	SUM (LBS./YR.) 143,469.28
Uncontrolled HAP Em	nission Factor =		rolled emissions rep al)/Annual Through		11. HAP EMISSION FACTOR 0.06123736				
Enter th	ne HAP emissio	n factor for all chem	icals that are not rep	ported as VOCs or I	PM10 from Block 11 above a	s the HAP Emission	Factor in Sec	tion 5 on Form 2.0.	

MO 780-1448 (12-09)

FACILITY NAME NEW MADRID POWE	R PLANT MAR	STON	143 PLANT NO. 0004			YEAR OF DATA 2014	
EMISSION UNIT NO.	EP-01		SOURCE (CLASSIFICATION C	CODE (SCC) 100223	SEG. NO.	
1. COMBUSTION EQUI	PMENT INFORM	ATION					
COAL FIRING CODE LIST	EQ	UIPMENT DESCRIPTION		YEAR PUT IN SERVICE	COAL FIRING CODE NO. (CODE LIST AT LEFT	MAXIMUM DESIGN RATE (MILLION BTU/HR.)	
1. TANGENTIAL	BOILER 7	#1 - SUBBITUMINOUS COAL	-	01/01/1972	Other	6,340.000000	
2. OPPOSED							
3. FRONT							
4. DRY/WET BOTTOM							
OTHER (SPECIFY)							
Cyclone			Sum	of total max	imum hourly design rate	es 6,340.0000	
COMBUSTION EQUIPM	IENT USE (CHE	CK ONE)					
X Electric power gener	ration	Industrial use	Comi	mercial/Institu	utional Spac	e heating	
Other (specify):							
COMBUSTION EQUIPM	IENT CATEGOR	Y - COAL USE ONLY (CHECK	ONE)				
Pulverized coal	Pulveriz	ed coal dry bottom	ulverize	d coal wet bo	ttom X Cyclon	e	
Fluidized bed	Spreade	er stoker C	verfeed	stoker	Underf	eed stoker	
Hand fired	Other (s						
2. FUEL INFORMATION	I (CHECK ONLY	ONE)				ı	
LIQUID FUE	LS	GASEOUS FUELS			LID FUELS	OTHER	
Ethanol		Blast oven gas		Anthracite	Coal	Other (specify):	
Fuel oil 1-4 (distillate	e) [Coke oven gas		Bagasse			
Fuel oil 5-6 (residual)	Liquid propane gas (LPG)	Bark				
Gasoline		Natural gas		Bituminous	coal		
Kerosene				Coke			
				Lignite			
			Subbituminous coal				
			⊏	Wood			
3. CALCULATION OF N	AXIMUM HOUR	LY DESIGN RATE					
TOTAL HEAT C (BTU/FUEL I		MAXIMUM HOURLY DESIGI (FUEL UNIT/HR.)	N RATE	= <u>Ma</u>	aximum Design Rate (mmbtu/r 	<u> </u>	
17,238,987.0	00000	367.77100				,	

MO 780-1436 (12-09)

FACILITY NAME	FIPS COUNTY NO. PLANT NO. YEAR OF DATA						YEAR OF DATA	
NEW MADRI	D POWER PLA	ANT MARSTON	I		143	0004	2014	
1. EMISSION	UNIT IDENTIFIC	ATION						
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION						
EP-01				BOIL	ER #1			
2. EMISSION I	PROCESS DETA	AIL						
SEG. NO.	SOURCE CLASSIFI	ICATION CODE (SCC)		SCC DESC	CRIPTION			
1		101002	203		Cyclo	ne Furnace (Bitumi	nous Coal)	
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	OMPLETE FORM 2.0S STACK	VENT INFORMATION	
ARE THE EMISSIONS	S FROM THIS UNIT FUG	SITIVE?	Yes X No	IF FUGITI\	/E, WHAT PERCENTAG	E? -		
	NG RATE/SCHEDULE 4. ANNUAL FUEL CHARA						CHARACTERISTICS	
ANNUAL THROUGHE	PUT	UNITS		DEC-FEB (%)	00	For coal or fuel oil, li	st details below	
57	9.00	TC	ONS	MAR-MAY (%)	.00	Heat Content (BTU/Fuel Unit)	008,000.00	
	1		T			·		
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	()	00	ASH % (INCLUDE IN EF)	8.70	
24.00	7.00	4	672.00	SEPT-NOV (%)	0.00	SULFUR % (INCLUDE IN EF)	8.70	
F FMICCION 6	OAL OUL ATION							
AIR	CALCULATIONS 1.	2.	3.	4.	5.	Ι	171 1 1	
POLLUTANT	SOURCE OF EMISSION FACTOR	EMISSION FACTOR	EMISSION FACTOR(EF) CONTROL STATUS	OVERALL CONTROL EFFICIENCY (% FORMAT)	ACTUAL EMISSIONS (TONS/YR)	x Emi x (1-Overa	Il Throughput ssion Factor Ill Control Eff/100) ÷ 2000	
In admiration as							missions (tons)	
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and	If controlled, include Form 2.0C Control	= Actual Emissions (tons) List Other Worksheets or AP-42/Other Reference		
PM10 FIL *		[Otherwise O	destruction efficiencies	Device Listing	AF-42/Other Reference		
	2	22.4276	No Control				MISSION FACTOR LIST	
SOx	2	22.4276		efficiencies	Device Listing		MISSION FACTOR LIST Include documentation	
SOx	2	22.4276		efficiencies	Device Listing	SOURCE OF EI		
SOx NOx	2	22.4276		efficiencies	Device Listing	SOURCE OF EI	Include documentation Include documentation Include documentation	
NOx		22.4276		efficiencies	Device Listing	SOURCE OF EI 1. CEM 2. Stack Test	Include documentation Include documentation	
	2 4F	22.4276 0.1100		efficiencies	Device Listing	SOURCE OF EI 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE	Include documentation Include documentation Include documentation Include reference	
NOx VOC		0.1100	No Control No Control	99.00 0.00	0.06 0.03	1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other	Include documentation Include documentation Include documentation Include reference Include documentation	
NOx			No Control	efficiencies 99.00	Device Listing 0.06	1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation	
NOx VOC CO	4F 1	0.1100 2.3592	No Control No Control	99.00 0.00 0.00	0.06 0.03 0.68	1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation	
NOx VOC	4F	0.1100	No Control No Control	99.00 0.00	0.06 0.03	1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output	
NOx VOC CO LEAD	4F 1	0.1100 2.3592	No Control No Control	99.00 0.00 0.00	0.06 0.03 0.68	1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3	
NOx VOC CO	4F 1	0.1100 2.3592	No Control No Control	99.00 0.00 0.00	0.06 0.03 0.68	1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4	
NOx VOC CO LEAD HAPs	4F 1 4F	0.1100 2.3592 0.0004	No Control No Control No Control Controlled	99.00 0.00 0.00 0.00	0.06 0.03 0.68 0.00	1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4 Complete Form 2.7	
NOx VOC CO LEAD	4F 1	0.1100 2.3592	No Control No Control	99.00 0.00 0.00	0.06 0.03 0.68	1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road 2.8. Storage Pile	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.8	
NOx VOC CO LEAD HAPs PM2.5 FIL *	4F 1 4F	0.1100 2.3592 0.0004	No Control No Control No Control Controlled	99.00 0.00 0.00 0.00	0.06 0.03 0.68 0.00	1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road 2.8. Storage Pile 2.T. HAP Worksheet	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.8 Complete Form 2.7	
NOx VOC CO LEAD HAPs	4F 1 4F	0.1100 2.3592 0.0004	No Control No Control No Control Controlled	99.00 0.00 0.00 0.00	0.06 0.03 0.68 0.00	1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road 2.8. Storage Pile 2.1. HAP Worksheet 2.9. Stack Test/CEM	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.8 Complete Form 2.7 Complete Form 2.9	
NOx VOC CO LEAD HAPs PM2.5 FIL *	4F 1 4F	0.1100 2.3592 0.0004	No Control No Control No Control Controlled	99.00 0.00 0.00 0.00	0.06 0.03 0.68 0.00	1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road 2.8. Storage Pile 2.T. HAP Worksheet 2.9. Stack Test/CEM 2.0L. Landfill	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.8 Complete Form 2.7	

REW MADRID POWE	R PLANT MAF	RSTON	FIPS COUN	143	PLANT NO. 0004	YEAR OF DATA 2014
EMISSION UNIT NO.			SOURCE C	LASSIFICATION C		SEG. NO.
	EP-01			101	100203	1
1. COMBUSTION EQUIP	PMENT INFORM	MATION				
COAL FIRING CODE LIST	EQ	QUIPMENT DESCRIPTION		YEAR PUT IN SERVICE	COAL FIRING CODE NO. (CODE LIST AT LEFT	MAXIMUM DESIGN RATE (MILLION BTU/HR.)
1. TANGENTIAL	BOILE	R #1 - BITUMINOUS COAL	(01/01/1972	2	6,340.000000
2. OPPOSED						
3. FRONT						
4. DRY/WET BOTTOM						
OTHER (SPECIFY)						
			Sum	of total maxi	mum hourly design rate	es 6,340.0000
COMBUSTION EQUIPM	IENT USE (CHE	CK ONE)				
X Electric power gener	ration [Industrial use	Comn	nercial/Institu	tional Spac	e heating
Other (specify):						
COMBUSTION EQUIPM	IENT CATEGOR	RY - COAL USE ONLY (CHECK	ONE)			
Pulverized coal	Pulveriz	zed coal dry bottom	ulverized	coal wet bo	ttom X Cyclon	е
Fluidized bed	Spread	er stoker C	verfeed	stoker	Underf	eed stoker
Hand fired	Other (s	specify):				
2. FUEL INFORMATION	(CHECK ONLY	ONE)				
LIQUID FUEI	LS	GASEOUS FUELS		SOI	ID FUELS	OTHER
Ethanol	[Blast oven gas		Anthracite (Coal	Other (specify):
Fuel oil 1-4 (distillate	e) [Coke oven gas		Bagasse		
Fuel oil 5-6 (residual) [Liquid propane gas (LPG)		Bark		
Gasoline	[Natural gas	×	Bituminous	coal	
Kerosene				Coke		
				Lignite		
				Subbitumin	ous coal	
				Wood		
3. CALCULATION OF M	AXIMUM HOUF	RLY DESIGN RATE				
TOTAL HEAT CO (BTU/FUEL U		MAXIMUM HOURLY DESIG (FUEL UNIT/HR.)	N RATE	= Ma	ximum Design Rate (mmbtu/r	r.) X 1,000,000 (btu/mmbtu)
`	-	, ,		-	Heat Content (b	tu/fuel unit)
22,008,000.0	00000	288.07706				

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA				
NEW MADRI	D POWER PLA	ANT MARSTON	I		143	0004	2014				
. =		.=									
	UNIT IDENTIFIC										
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION		5011	ED #4						
EP-01				BOIL	_ER #1						
	PROCESS DET/	AIL									
SEG. NO.	SOURCE CLASSIFI	ICATION CODE (SCC)		SCC DESC	CRIPTION						
4		101013	302			Waste Oil					
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	COMPLETE FORM 2.0S STACK/	VENT INFORMATION				
ARE THE EMISSION	S FROM THIS UNIT FUG	GITIVE?	Yes X No	IF FUGITIV	/E, WHAT PERCENTAG	E?					
3. OPERATIN	G RATE/SCHED	ULE				4. ANNUAL FUEL C	HARACTERISTICS				
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)		For coal or fuel oil, lis	st details below				
				57	'.24						
2	2.17	1000 G	ALLONS	MAR-MAY (%)		Heat Content (BTU/Fuel Unit)					
_				20).20	150,	000,000.00				
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)					
	5,116,11211		10171211001107127111	` '	.72	7.6.1 70 (11.02.02.2 11.1.21.7	0.05				
20.00	2.00	6	240.00	SEPT-NOV (%)	.84	SULFUR % (INCLUDE IN EF)	0.00				
				O.	.04		0.00				
5. EMISSION	CALCULATIONS	3									
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	x Emis x (1-Overal	I Throughput ssion Factor II Control Eff/100) ÷ 2000				
Instructions:	Observation that	Lb - for it of the contract	KEE in about a control	O anabination of all	Manager Hand Strategie	= ACTUAL E	missions (tons)				
manuchons.	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	AP-42/Other Reference					
PM10 FIL *	4F	2.5500	No Control	95.00	0.00	SOURCE OF EN	MISSION FACTOR LIST				
SOx						1. CEM	Include documentation				
						2. Stack Test	Include documentation				
NOx						3. Mass Balance	Include documentation				
						4. AP-42	Include reference				
VOC	4	1.0000	No Control	0.00	0.00	4F. FIRE or webFIRE					
						5. Other	Include documentation				
СО						EC. Engr Calc	Include documentation				
						LS. Landfill Spdsht	Include documentation				
LEAD	4	2.2000	No Control	66.78	0.00	TK. TANKS Program	Supply TANKS output				
						2.3. VOC Mass Bal	Complete Form 2.3				
HAPs						2.4. Liquid Loading	Complete Form 2.4				
						2.7. Haul Road	Complete Form 2.7				
PM2.5 FIL *	4	0.2880	No Control	95.00	0.00	2.8. Storage Pile	Complete Form 2.8				
						2.T. HAP Worksheet	Complete Form 2.T				
NH3						2.9. Stack Test/CEM	Complete Form 2.9				
						2.0L. Landfill	Complete Form 2.0L				
PM CON*						are required and sho	ed, PM10 and PM25 entries above ould represent only the filterable and filterable PM25.				

FACILITY NAME NEW MADRID POWE	R PLANT MAR	STON	FIPS COUN	TY NO. 143	F	PLANT NO. 0004	YEAR OF DATA 2014
EMISSION UNIT NO.			SOURCE C	LASSIFICATION C	CODE (S	SCC)	SEG. NO.
	EP-01			10 ⁻	1013	02	4
1. COMBUSTION EQUIP	PMENT INFORM	ATION			,		
COAL FIRING CODE LIST	EQI	UIPMENT DESCRIPTION		YEAR PUT IN SERVICE	(CO	COAL FIRING CODE NO. DE LIST AT LEFT)	MAXIMUM DESIGN RATE (MILLION BTU/HR.)
1. TANGENTIAL	ВС	OILER #1 - WASTE OIL	C	01/01/0001			6,340.000000
2. OPPOSED							
3. FRONT							
4. DRY/WET BOTTOM							
OTHER (SPECIFY)							
			Sum	of total max	imum	hourly design rates	6,340.0000
COMBUSTION EQUIPM	ENT USE (CHEC	CK ONE)					
X Electric power gener	ation	Industrial use	Comm	nercial/Institu	utiona	al Space	heating
Other (specify):							
COMBUSTION EQUIPM	ENT CATEGOR	Y - COAL USE ONLY (CHECK	ONE)				
Pulverized coal	Pulveriz	ed coal dry bottom	Pulverized	coal wet bo	ttom	X Cyclone	;
Fluidized bed	Spreade	er stoker C	Overfeed :	stoker		Underfe	ed stoker
Hand fired	Other (s	pecify):					
2. FUEL INFORMATION	(CHECK ONLY	ONE)					
LIQUID FUEL	_S	GASEOUS FUELS		SO	LID F	UELS	OTHER
Ethanol		Blast oven gas		Anthracite (Coal		X Other (specify):
Fuel oil 1-4 (distillate) [Coke oven gas		Bagasse			WASTE OIL
Fuel oil 5-6 (residual		Liquid propane gas (LPG)		Bark			
Gasoline		Natural gas		Bituminous	coal		
Kerosene				Coke			
				Lignite			
				Subbitumin	ous o	coal	
				Wood			
3. CALCULATION OF M	AXIMUM HOUR	LY DESIGN RATE					
TOTAL HEAT CO (BTU/FUEL U		MAXIMUM HOURLY DESIG (FUEL UNIT/HR.)	N RATE	= Ma	aximun	n Design Rate (mmbtu/hr Heat Content (btu	.) X 1,000,000 (btu/mmbtu)
150,000,000.0	000000	42.26667				(***	•

FACILITY NAME	FIPS COUNTY NO. PLANT NO. YEAR OF DATA					YEAR OF DATA	
NEW MADRI	D POWER PLA	ANT MARSTON	I		143	0004	2014
1. EMISSION	UNIT IDENTIFIC	ATION					
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION					
EP-02				BOIL	ER #2		
2. EMISSION	PROCESS DETA	\IL					
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION		
3		101005	501			Grades 1 and 2 (Oil
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	COMPLETE FORM 2.0S STACK	VENT INFORMATION
ARE THE EMISSION	S FROM THIS UNIT FUG	SITIVE?	Yes X No	IF FUGITIV	/E, WHAT PERCENTAG	E?	
	G RATE/SCHED	ULE				4. ANNUAL FUEL C	CHARACTERISTICS
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)	3.29	For coal or fuel oil, li	st details below
7	1.59	1000 G	ALLONS	MAR-MAY (%)) 42	Heat Content (BTU/Fuel Unit)	000 000 00
			_).42		,000,000.00
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	()	3.30	ASH % (INCLUDE IN EF)	NaN
20.00	2.00	6	240.00	SEPT-NOV (%)		SULFUR % (INCLUDE IN EF)	
				32	2.99		0.00
5. EMISSION	CALCULATIONS	6					
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	x Emi x (1-Overa	Il Throughput ssion Factor Il Control Eff/100) ÷ 2000 Emissions (tons)
Instructions:	Choose from the	Lbs./unit of throughput	If EF includes control	Combination of all	If controlled, include	List Other Worksheets or	illissions (tons)
	Source of Emission Factor list at lower right	2507 d.m. 0. t.m. 0 dg. 1 p. t.	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	AP-42/Other Reference	
PM10 FIL *	4F	1.0000	No Control	47.29	0.02	SOURCE OF E	MISSION FACTOR LIST
SOx						1. CEM	Include documentation
						2. Stack Test	Include documentation
NOx						3. Mass Balance	Include documentation
						4. AP-42	Include reference
voc	4F	0.2000	No Control	0.00	0.01	4F. FIRE or webFIRE	In all and a super a station
						5. Other	Include documentation
СО						EC. Engr Calc	Include documentation Include documentation
LEAD	4	0.0040	No Control	22.05	0.00	LS. Landfill Spdsht	Supply TANKS output
LEAD	4	0.0013	No Control	33.25	0.00	TK. TANKS Program 2.3. VOC Mass Bal	Complete Form 2.3
HAPs						2.4. Liquid Loading	Complete Form 2.4
HAF5						2.7. Haul Road	Complete Form 2.7
PM2.5 FIL *	4F	0.2500	No Control	76.35	0.00	2.8. Storage Pile	Complete Form 2.8
1 1412.3 T IL		0.2300	140 00111101	70.55	0.00	2.T. HAP Worksheet	Complete Form 2.T
NH3						2.9. Stack Test/CEM	Complete Form 2.9
5						2.0L. Landfill	Complete Form 2.0L
PM CON*						are required and sh	ed, PM10 and PM25 entries above could represent only the filterable

FACILITY NAME NEW MADRID POWE	R PLANT MAR	STON	FIPS COUN	TY NO. 143	PLANT NO. 0004	YEAR OF DATA 2014
EMISSION UNIT NO.			SOURCE C	ASSIFICATION C	ODE (SCC)	SEG. NO.
	EP-02			101	100501	3
1. COMBUSTION EQUIP	PMENT INFORM	ATION				
COAL FIRING CODE LIST	EQI	UIPMENT DESCRIPTION		YEAR PUT IN SERVICE	COAL FIRING CODE NO. (CODE LIST AT LEF	MAXIMUM DESIGN RATE T) (MILLION BTU/HR.)
1. TANGENTIAL	BOIL	LER #2 - 1 & 2 FUEL OIL	C	01/01/1997	2	6,340.000000
2. OPPOSED						
3. FRONT						
4. DRY/WET BOTTOM						
OTHER (SPECIFY)						
			Sum	of total maxi	mum hourly design ra	tes 6,340.0000
COMBUSTION EQUIPM	IENT USE (CHEC	CK ONE)				
X Electric power gener	ation [Industrial use	Comm	nercial/Institu	itional Spa	ce heating
Other (specify):						
COMBUSTION EQUIPM	ENT CATEGOR	Y - COAL USE ONLY (CHECK	ONE)			
Pulverized coal	Pulveriz	ed coal dry bottom	ulverized	coal wet bo	ttom X Cyclo	ne
Fluidized bed	Spreade	er stoker C	overfeed s	stoker	Unde	rfeed stoker
Hand fired	Other (s	pecify):				
2. FUEL INFORMATION	(CHECK ONLY	ONE)				
LIQUID FUEL	LS	GASEOUS FUELS		SOI	LID FUELS	OTHER
Ethanol		Blast oven gas		Anthracite (Coal	Other (specify):
X Fuel oil 1-4 (distillate	e) [Coke oven gas		Bagasse		
Fuel oil 5-6 (residual) [Liquid propane gas (LPG)		Bark		
Gasoline		Natural gas		Bituminous	coal	
Kerosene				Coke		
				Lignite		
				Subbitumin	ous coal	
				Wood		
3. CALCULATION OF M	IAXIMUM HOUR	LY DESIGN RATE	<u> </u>			•
TOTAL HEAT CO (BTU/FUEL U		MAXIMUM HOURLY DESIG (FUEL UNIT/HR.)	N RATE	= Ma	ximum Design Rate (mmbtu	/hr.) X 1,000,000 (btu/mmbtu)
140,000,000.0	000000	45.28571		1	risat coment	

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA
NEW MADRI	D POWER PLA	ANT MARSTON	I		143	0004	2014
1. EMISSION	UNIT IDENTIFIC	ATION				•	
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION					
EP-02				BOIL	_ER #2		
2. EMISSION	PROCESS DETA	AIL					
SEG. NO.		CATION CODE (SCC)		SCC DESC	CRIPTION		
1		101002	203		Cyclo	ne Furnace (Bitumii	nous Coal)
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	COMPLETE FORM 2.0S STACK	VENT INFORMATION
ARE THE EMISSION:	S FROM THIS UNIT FUG	GITIVE?	Yes X No	IF FUGITIV	/E, WHAT PERCENTAG	EE?	
3. OPERATING	RATING RATE/SCHEDULE 4. ANNUAL FUEL CHA						CHARACTERISTICS
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)	0.00	For coal or fuel oil, li	st details below
C	0.00	ТС	DNS	MAR-MAY (%)	.00	Heat Content (BTU/Fuel Unit) 26,	000,000.00
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)	
					.00		8.70
24.00	7.00	44	7,392.00	SEPT-NOV (%)	.00	SULFUR % (INCLUDE IN EF)	8.70
5. EMISSION	CALCULATIONS	3				•	
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	x Emi x (1-Overa	Il Throughput ssion Factor Il Control Eff/100) ÷ 2000
Instructions:	Choose from the	Lbs./unit of throughput	If EF includes control	Combination of all	If controlled, include	= ACTUAL E	Emissions (tons)
	Source of Emission Factor list at lower right	LDS./unit of thoughput	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	AP-42/Other Reference	
PM10 FIL *	2	22.3808	No Control	99.00	0.00	SOURCE OF E	MISSION FACTOR LIST
SOx						1. CEM	Include documentation
						2. Stack Test	Include documentation
NOx						3. Mass Balance	Include documentation
						4. AP-42	Include reference
VOC	4F	0.1100	No Control	0.00	0.00	4F. FIRE or webFIRE	
						5. Other	Include documentation
СО	4F	1.1297	No Control	0.00	0.00	EC. Engr Calc	Include documentation
	45	0.0004	0	0.00	0.00	LS. Landfill Spdsht	Include documentation
LEAD	4F	0.0004	Controlled	0.00	0.00	TK. TANKS Program 2.3. VOC Mass Bal	Supply TANKS output Complete Form 2.3
ШАВо						2.4. Liquid Loading	Complete Form 2.4
HAPs						2.4. Liquid Loading 2.7. Haul Road	Complete Form 2.7
PM2.5 FIL *	2	9.4688	No Control	99.00	0.00	2.8. Storage Pile	Complete Form 2.8
1 WIZ.3 I IL	_	9.4000	NO CONTION	99.00	0.00	2.T. HAP Worksheet	Complete Form 2.T
NH3						2.9. Stack Test/CEM	Complete Form 2.9
						2.0L. Landfill	Complete Form 2.0L
PM CON*	2	0.1575	No Control	0.00	0.00		ed, PM10 and PM25 entries above nould represent poly the filterable

FACILITY NAME NEW MADRID POWE	R PLANT MAR	STON	FIPS COUN	TY NO. 143	PLA	NT NO. 0004	YEAR OF DATA 2014
EMISSION UNIT NO.			SOURCE C	ASSIFICATION C	CODE (SCC	C)	SEG. NO.
	EP-02			101	100203	3	1
1. COMBUSTION EQUIP	PMENT INFORM	ATION					
COAL FIRING CODE LIST	EQI	UIPMENT DESCRIPTION	YEAR COAL FIRING PUT IN CODE NO. SERVICE (CODE LIST AT LEF			CODE NO.	MAXIMUM DESIGN RATE (MILLION BTU/HR.)
1. TANGENTIAL	BOILE	R #2 - BITUMINOUS COAL	C	08/16/1977			6,340.000000
2. OPPOSED							
3. FRONT							
4. DRY/WET BOTTOM							
OTHER (SPECIFY)							
			Sum	of total maxi	imum h	ourly design rates	6,340.0000
COMBUSTION EQUIPM	IENT USE (CHEC	CK ONE)					
X Electric power gener	ation [Industrial use	Comm	nercial/Institu	ıtional	Space	heating
Other (specify):							
COMBUSTION EQUIPM	ENT CATEGOR	Y - COAL USE ONLY (CHECK	ONE)				
Pulverized coal	Pulveriz	ed coal dry bottom	ulverized	coal wet bo	ttom	X Cyclone	
Fluidized bed	Spreade	er stoker C	overfeed :	stoker		Underfe	ed stoker
Hand fired	Other (s	pecify):					
2. FUEL INFORMATION	(CHECK ONLY	ONE)					
LIQUID FUEI	LS	GASEOUS FUELS		SOI	LID FU	ELS	OTHER
Ethanol		Blast oven gas		Anthracite (Coal		Other (specify):
Fuel oil 1-4 (distillate	e)	Coke oven gas		Bagasse			
Fuel oil 5-6 (residual) [Liquid propane gas (LPG)		Bark			
Gasoline		Natural gas	×	Bituminous	coal		
Kerosene				Coke			
				Lignite			
				Subbitumin	ous coa	al	
				Wood			
3. CALCULATION OF M	IAXIMUM HOUR	LY DESIGN RATE					
TOTAL HEAT CO (BTU/FUEL U		MAXIMUM HOURLY DESIGI (FUEL UNIT/HR.)	N RATE	= Ma	aximum D	Design Rate (mmbtu/hr. Heat Content (btu) X 1,000,000 (btu/mmbtu)
26,000,000.0	00000	243.84620		1		ricat content (blu	riso, sincy

MISSOURI DEPARTMENT OF NATURAL RESOURCES

AIR POLLUTION CONTROL PROGRAM EMISSIONS INVENTORY QUESTIONNAIRE, OR EIQ FORM 2.0 EMISSION UNIT INFORMATION

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA
	D POWER PLA	ANT MARSTON	1		143	2014	
1. EMISSION	UNIT IDENTIFIC	ATION					
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION					
EP-02				BOIL	ER #2		
2. EMISSION	PROCESS DETA	AIL .					
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION		
2		101002	223		Cyclone	Furnace (Subbitun	ninous Coal)
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X	No IF YES, C	COMPLETE FORM 2.0S STACK	VENT INFORMATION
ARE THE EMISSION	S FROM THIS UNIT FUG	SITIVE?	Yes X No	IF FUGITIV	/E, WHAT PERCENTAG	E?	
3. OPERATIN	ERATING RATE/SCHEDULE 4. ANNUAL FUEL C						CHARACTERISTICS
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)	.12	For coal or fuel oil, li	st details below
2,425	5,995.00	то	ONS	MAR-MAY (%)	5.73	Heat Content (BTU/Fuel Unit)	238,987.00
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)	
					.54		4.74
24.00	7.00	49	8,232.00	SEPT-NOV (%)	.61	SULFUR % (INCLUDE IN EF)	0.20
5. EMISSION	CALCULATIONS	6					
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	x Emi x (1-Overa	Il Throughput ssion Factor Il Control Eff/100) ÷ 2000
						= Actual E	Emissions (tons)
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference	
PM10 FIL *	2	22.3808	No Control	99.00	271.48	SOURCE OF E	MISSION FACTOR LIST
SOx	1	7.0311	No Control	0.00	8,528.70	1. CEM	Include documentation
						2. Stack Test	Include documentation
NOx	1	107.5926	No Control	93.00	9,135.67	3. Mass Balance	Include documentation
	_					4. AP-42	Include reference
VOC	4F	0.1100	No Control	0.00	133.43	4F. FIRE or webFIRE	In all and a super stations
	,	4 =000			2 222 72	5. Other	Include documentation
СО	1	1.7302	No Control	0.00	2,098.79	EC. Engr Calc LS. Landfill Spdsht	Include documentation Include documentation
LEAD	5	0.0000	Controlled	0.00	0.04	TK. TANKS Program	Supply TANKS output
LEAD	3	0.0000	Controlled	0.00	0.04	2.3. VOC Mass Bal	Complete Form 2.3
HAPs	2T	0.0609	No Control	0.00	73.93	2.4. Liquid Loading	Complete Form 2.4
	-	0.0000	710 00111101	0.00	7 0.00	2.7. Haul Road	Complete Form 2.7
PM2.5 FIL *	2	9.4688	No Control	99.00	114.86	2.8. Storage Pile	Complete Form 2.8
				-		2.T. HAP Worksheet	Complete Form 2.T
NH3	4F	0.0006	No Control	0.00	0.69	2.9. Stack Test/CEM	Complete Form 2.9
						2.0L. Landfill	Complete Form 2.0L
PM CON*	2	0.1575	No Control	0.00	191.05		ed, PM10 and PM25 entries above nould represent only the filterable



MISSOURI DEPARTMENT OF NATURAL RESOURCES AIR POLLUTION CONTROL PROGRAM

EMISSIONS INVENTORY QUESTIONNAIRE, OR EIQ FORM 2.T HAZARDOUS AIR POLLUTANT WORKSHEET

FACILITY NAME	FIPS COUNTY NO.	PLANT NO.	YEAR OF DATA
NEW MADRID POWER PLANT MARSTON	143	0004	2014
EMISSION UNIT NO.	SOURCE CLASSIFICATION CODE (SCC)		SEG. NO.
EP-02	10100223		2

Use this form to report any Hazardous Air Pollutant, or HAP, which is emitted in any amount greater than the chemical reporting levels per each emission unit. The instructions for this form provide a list of the HAPs regulated under the Clean Air Act. The amount emitted (Column 4) should be reported before control equipment reductions are applied. Provide documentation (other worksheets, etc.) if the amount in Column 3 does not equal the amount in Column 4. The HAP reporting levels per emission unit are as follows: Category 1 HAPs - sum of 20 pounds per year: All other HAPs - sum of 200

,	0					7		1 ^	4.0
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
HAP CHEMICAL	CAS NUMBER	AMOUNT USED OR HANDLED (LBS./YR.)	UNCONTROLLED AMOUNT EMITTED (LBS./YR.)	UNCONTROLLED EMISSIONS REPORTED AS VOC OR PM10 (LBS./YR.)	UNCONTROLLED EMISSIONS REPORTED AS HAPs (LBS./YR.)	HAP CONTROL DEVICE(S)	CONTROL EFFICIENCY (%)	CONTROLLED EMISSIONS REPORTED AS VOC OR PM10 (LBS./YR.)	CONTROLLED EMISSION: REPORTED AS HAPs (LBS./YR.)
Acetaldehyde	75-07-0	133.78	133.78	133.78	0.00		0.00000	133.78	0.00
Arsenic compounds	20-01-9	18.89	18.89	18.89	0.00		0.00000	18.89	0.00
Benzene	71-43-2	163.05	163.05	163.05	0.00		0.00000	163.05	0.00
Chromium compounds	20-06-4	141.29	141.29	141.29	0.00		0.00000	141.29	0.00
Cobalt compounds	20-07-5	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Dichloromethane	75-09-2	150.51	150.51	0.00	150.51		0.00000	0.00	150.5
Dimethyl sulfate	77-78-1	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Dioctyl phthalate	117-81-7	150.51	150.51	150.51	0.00		0.00000	150.51	0.00
Formaldehyde	50-00-0	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Hydrogen chloride	7647-01-0	9,030.62	9,030.62	0.00	9,030.62		0.00000	0.00	9,030.62
Hydrogen fluoride	7664-39-3	138,647.07	138,647.07	0.00	138,647.07		0.00000	0.00	138,647.07
Manganese compounds	20-12-2	201.33	201.33	201.33	0.00		0.00000	201.33	0.00
				SUM (LBS./YR.)	SUM (LBS./YR.)			SUM (LBS./YR.)	SUM (LBS./YR
		HAF	P Emission Totals =	1,126.85	147,861.61			1,126.85	147,861.61
Uncontrolled HAP Emis	sion Factor =		olled emissions rep al)/Annual Through		11. HAP EMISSION FACTOR 0.06094885				

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
HAP CHEMICAL	CAS NUMBER	AMOUNT USED OR HANDLED (LBS./YR.)	UNCONTROLLED AMOUNT EMITTED (LBS./YR.)	UNCONTROLLED EMISSIONS REPORTED AS VOC OR PM10 (LBS./YR.)	UNCONTROLLED EMISSIONS REPORTED AS HAPS (LBS./YR.)	HAP CONTROL DEVICE(S)	CONTROL EFFICIENCY (%)	CONTROLLED EMISSIONS REPORTED AS VOC OR PM10 (LBS./YR.)	CONTROLLED EMISSIONS REPORTED AS HAPS (LBS./YR.)
Mercury compounds	20-13-3	33.41	33.41	0.00	33.41		0.00000	0.00	33.41
Methyl chloride	74-87-3	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Methyl ethyl ketone	78-93-3	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Methyl hydrazine	60-34-4	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
N-Hexane	110-54-3	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Nickel compounds	20-14-4	149.52	149.52	149.52	0.00		0.00000	149.52	0.00
Phenol	108-95-2	137.96	137.96	137.96	0.00		0.00000	137.96	0.00
Vinyl chloride	75-01-4	30.52	30.52	30.52	0.00		0.00000	30.52	0.00
		HAF	P Emission Totals =	SUM (LBS./YR.) 1,126.85	SUM (LBS./YR.) 147,861.61			SUM (LBS./YR.) 1,126.85	SUM (LBS./YR.) 147,861.61
Uncontrolled HAP Em	nission Factor =		rolled emissions rep al)/Annual Through		11. HAP EMISSION FACTOR 0.06094885				
Enter th	ne HAP emissio	n factor for all chem	icals that are not rep	ported as VOCs or I	PM10 from Block 11 above a	s the HAP Emission	Factor in Sec	tion 5 on Form 2.0.	

MO 780-1448 (12-09)

FACILITY NAME NEW MADRID POWER PLANT MARSTON				143	PLANT NO. 0004	YEAR OF DATA 2014
EMISSION UNIT NO.			SOURCE C	LASSIFICATION C	ODE (SCC)	SEG. NO.
	EP-02			10	2	
1. COMBUSTION EQUIP	PMENT INFORM	MATION				
COAL FIRING CODE LIST	EQ	UIPMENT DESCRIPTION		YEAR PUT IN SERVICE	COAL FIRING CODE NO. (CODE LIST AT LEFT	MAXIMUM DESIGN RATE (MILLION BTU/HR.)
1. TANGENTIAL	BOILER	#2 - SUBBITUMINOUS COAL	_ (01/01/1997	2	6,340.000000
2. OPPOSED						
3. FRONT						
4. DRY/WET BOTTOM						
OTHER (SPECIFY)						
			Sum	of total maxi	mum hourly design rate	es 6,340.0000
COMBUSTION EQUIPM	IENT USE (CHE	CK ONE)				
X Electric power gener	ration [Industrial use	Comn	nercial/Institu	tional Spac	e heating
Other (specify):						
COMBUSTION EQUIPM	IENT CATEGOR	Y - COAL USE ONLY (CHECK	ONE)			
Pulverized coal	Pulveriz	zed coal dry bottom	ulverized	d coal wet bo	ttom X Cyclon	е
Fluidized bed	Spread	er stoker C	verfeed	stoker	Underf	eed stoker
Hand fired		specify):				
2. FUEL INFORMATION	(CHECK ONLY	ONE)				
LIQUID FUEI	LS	GASEOUS FUELS		SOI	LID FUELS	OTHER
Ethanol		Blast oven gas		Anthracite (Coal	Other (specify):
Fuel oil 1-4 (distillate	e) [Coke oven gas		Bagasse		
Fuel oil 5-6 (residual) [Liquid propane gas (LPG)		Bark		
Gasoline		Natural gas		Bituminous	coal	
Kerosene				Coke		
				Lignite		
			×	Subbitumin	ous coal	
				Wood		
3. CALCULATION OF M	AXIMUM HOUR	RLY DESIGN RATE				
TOTAL HEAT CO (BTU/FUEL U		MAXIMUM HOURLY DESIGN (FUEL UNIT/HR.)	N RATE	=Ma	ximum Design Rate (mmbtu/h	
17,238,987.0	00000	367.77100			Heat Content (b	tu/fuel unit)

FACILITY NAME NEW MADRI	ID POWER PLA	ANT MARSTON	I	FIPS COU	NTY NO. 143	PLANT NO. 0004	YEAR OF DATA 2014
	UNIT IDENTIFIC						
EMISSION UNIT NO.	EMISSION UNIT DE	ESCRIPTION					
EP-02				BOIL	ER #2		
	PROCESS DET/						
SEG. NO.	SOURCE CLASSIFI	ICATION CODE (SCC)		SCC DESC	CRIPTION		
4		101013	302			Waste Oil	
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	COMPLETE FORM 2.0S STACK	VENT INFORMATION
ARE THE EMISSION	S FROM THIS UNIT FUG	GITIVE?	Yes X No	IF FUGITI\	/E, WHAT PERCENTAG	E?	
3. OPERATIN	G RATE/SCHED	ULE				4. ANNUAL FUEL	CHARACTERISTICS
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)	24	For coal or fuel oil, I	ist details below
2	2.17	1000 GALLONS MAR-MAY (%) 20.20				Heat Content (BTU/Fuel Unit)	0,000,000.00
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	ILIN ALIC (9/)		ASH % (INCLUDE IN EF)	· ·
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	` '	.72	ASH % (INCLUDE IN EF)	0.05
20.00	2.00	6	240.00	SEPT-NOV (%)	84	SULFUR % (INCLUDE IN EF	0.00
5. EMISSION	CALCULATIONS	8					
AIR	1.	2.	3.	4.	5.	Annua	al Throughput
POLLUTANT	SOURCE OF EMISSION FACTOR	EMISSION FACTOR	EMISSION FACTOR(EF) CONTROL STATUS	OVERALL CONTROL EFFICIENCY (% FORMAT)	ACTUAL EMISSIONS (TONS/YR)	x Em x (1-Overa	ission Factor all Control Eff/100) ÷ 2000
Instructions:							Emissions (tons)
mstructions.	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets o AP-42/Other Reference	
PM10 FIL *	4F	2.5500	No Control	95.00	0.00	SOURCE OF E	MISSION FACTOR LIST
SOx						1. CEM	Include documentation
						2. Stack Test	Include documentation
NOx						3. Mass Balance	Include documentation
						4. AP-42	Include reference
VOC	4F	1.0000	No Control	0.00	0.00	4F. FIRE or webFIRE	
						5. Other	Include documentation
CO						EC. Engr Calc	Include documentation
						LS. Landfill Spdsht	Include documentation
LEAD	4F	2.2000	No Control	66.80	0.00	TK. TANKS Program	Supply TANKS output
						2.3. VOC Mass Bal	Complete Form 2.3
HAPs						2.4. Liquid Loading	Complete Form 2.4
	4-	0.555		0= ==		2.7. Haul Road	Complete Form 2.7
PM2.5 FIL *	4F	0.2880	No Control	95.00	0.00	2.8. Storage Pile	Complete Form 2.8 Complete Form 2.T
AU IO						2.T. HAP Worksheet	·
NH3						2.9. Stack Test/CEM	Complete Form 2.9 Complete Form 2.0L
DM CON*						2.0L. Landfill	ted, PM10 and PM25 entries above
PM CON*						are required and s	hould represent only the filterable and filterable PM25.

FACILITY NAME		OCTON	FIPS COU		PLAN	IT NO.	YEAR OF DATA
NEW MADRID POWE	R PLANT MAF	RSTON		143		0004	2014
EMISSION UNIT NO.			SOURCE CLASSIFICATION CODE (SCC) 10101302				SEG. NO.
	EP-02			10	4		
1. COMBUSTION EQUIP	PMENT INFORM	MATION					
COAL FIRING CODE LIST	EQ	QUIPMENT DESCRIPTION		YEAR PUT IN SERVICE	COAL FIRING CODE NO. (CODE LIST AT LEFT		MAXIMUM DESIGN RATE (MILLION BTU/HR.)
1. TANGENTIAL	ВС	OILER #2 - WASTE OIL		08/17/1977			6,340.000000
2. OPPOSED							
3. FRONT							
4. DRY/WET BOTTOM							
OTHER (SPECIFY)							
			Sum	of total max	imum ho	ourly design rates	6,340.0000
COMBUSTION EQUIPM	IENT USE (CHE	CK ONE)					
X Electric power gener	ration [Industrial use	Comr	nercial/Institu	utional	Space	heating
Other (specify):							
COMBUSTION EQUIPM	IENT CATEGOR	RY - COAL USE ONLY (CHECK	ONE)				
Pulverized coal	Pulveriz	zed coal dry bottom	Pulverize	d coal wet bo	ttom	X Cyclone	!
Fluidized bed	Spread	er stoker C	Overfeed	stoker		Underfe	ed stoker
Hand fired	Other (s	specify):					
2. FUEL INFORMATION	(CHECK ONLY	ONE)					
LIQUID FUEI	LS	GASEOUS FUELS		SO	LID FUE	ELS	OTHER
Ethanol	[Blast oven gas		Anthracite	Coal		X Other (specify):
Fuel oil 1-4 (distillate	e) [Coke oven gas		Bagasse			WASTE OIL
Fuel oil 5-6 (residual) [Liquid propane gas (LPG)		Bark			
Gasoline	[Natural gas		Bituminous	coal		
Kerosene				Coke			
				Lignite			
				Subbitumin	ous coal	I	
				Wood			
3. CALCULATION OF M	IAXIMUM HOUF	RLY DESIGN RATE					
TOTAL HEAT C (BTU/FUEL U		MAXIMUM HOURLY DESIG (FUEL UNIT/HR.)	N RATE	= Ma	aximum De	sign Rate (mmbtu/hr.	.) X 1,000,000 (btu/mmbtu)
(2.0/. 022	,	(. 522 5/4//////				Heat Content (btu	ı/fuel unit)
150,000,000.0	000000	42.26667					

FACILITY NAME		ANT MARSTON	1	FIPS COU	NTY NO. 143	YEAR OF DATA 2014	
	DIOWERIE	NAINANOTON	l		143	0004	2014
1. EMISSION	UNIT IDENTIFIC	ATION					
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION					
EP-03				EMERGENC'	Y GENERATOR	₹	
2. EMISSION	PROCESS DETA	AIL					
SEG. NO.	SOURCE CLASSIFI	ICATION CODE (SCC)		SCC DESC	CRIPTION		
1		201001	02			Reciprocating	
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	OMPLETE FORM 2.0S STACK/	VENT INFORMATION
				LINO 373			
ARE THE EMISSION:	S FROM THIS UNIT FUG	iITIVE?	Yes X No	IF FUGITI\	/E, WHAT PERCENTAG	E?	
3. OPERATING	G RATE/SCHED	ULE				4. ANNUAL FUEL C	HARACTERISTICS
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)		For coal or fuel oil, lis	st details below
				5.00	or oddr or radi oil, in	or dotallo bolow	
	6.95	1000 G	ALLONS	MAR-MAY (%)		Heat Content (BTU/Fuel Unit)	
	0.90	1000 G	ALLONS	` '	5.00	,	000,000.00
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)	
HOURS/DAT	DATS/WEEK	WEERS/TEAR	TOTAL HOURS/TEAR	` '	5.00	ASH % (INCLUDE IN EF)	0.00
4.00	4.00	50	52.00	SEPT-NOV (%)		SULFUR % (INCLUDE IN EF)	
1.00	1.00	52	52.00	, ,	5.00	SOLFOR % (INCLUDE IN EF)	0.00
		<u> </u>					
	CALCULATIONS	1	T				
AIR POLLUTANT	1. SOURCE OF	2. EMISSION	3. EMISSION	4. OVERALL	5. ACTUAL		l Throughput ssion Factor
	EMISSION FACTOR	FACTOR	FACTOR(EF) CONTROL STATUS	CONTROL EFFICIENCY (% FORMAT)	EMISSIONS (TONS/YR)	x (1-Overa	Il Control Eff/100) ÷ 2000
		FACTOR	CONTROL	EFFICIENCY		x (1-Overa	II Control Eff/100) ÷ 2000
Instructions:	FACTOR Choose from the	FACTOR Lbs./unit of throughput	CONTROL STATUS	EFFICIENCY		x (1-Overa	II Control Eff/100)
Instructions:	FACTOR Choose from the Source of Emission Factor list		CONTRÒL STATUS	Combination of all capture and destruction	(TONS/YR)	x (1-Overa	II Control Eff/100) ÷ 2000
Instructions: PM10 FIL *	FACTOR Choose from the Source of Emission		CONTROL STATUS	(% FORMAT) Combination of all capture and	(TONS/YR) If controlled, include Form 2.0C Control	x (1-Overa	II Control Eff/100) ÷ 2000
	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	CONTROL STATUS If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	(TONS/YR) If controlled, include Form 2.0C Control Device Listing	x (1-Overa	II Control Eff/100) ÷ 2000 missions (tons)
	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	CONTROL STATUS If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	(TONS/YR) If controlled, include Form 2.0C Control Device Listing	x (1-Overa = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM	II Control Eff/100) ÷ 2000 missions (tons) MISSION FACTOR LIST Include documentation
PM10 FIL *	Choose from the Source of Emission Factor list at lower right 4F	Lbs./unit of throughput 14.0000 39.7000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05	x (1-Overa = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test	II Control Eff/100) 2000 Imissions (tons) IIISSION FACTOR LIST Include documentation Include documentation
PM10 FIL *	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U" No Control	Combination of all capture and destruction efficiencies 0.00	If controlled, include Form 2.0C Control Device Listing 0.05	x (1-Overa = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance	II Control Eff/100) 2000 Imissions (tons) IIISSION FACTOR LIST Include documentation Include documentation Include documentation
PM10 FIL * SOx NOx	Choose from the Source of Emission Factor list at lower right 4F 4F	Lbs./unit of throughput 14.0000 39.7000 604.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05 0.14 2.10	x (1-Overa = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42	II Control Eff/100) 2000 Imissions (tons) IIISSION FACTOR LIST Include documentation Include documentation
PM10 FIL *	Choose from the Source of Emission Factor list at lower right 4F	Lbs./unit of throughput 14.0000 39.7000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05	x (1-Overa = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE	II Control Eff/100) ÷ 2000 Imissions (tons) Include documentation Include documentation Include documentation Include reference
PM10 FIL * SOx NOx VOC	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F	14.0000 39.7000 604.0000 49.3000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05 0.14 2.10 0.17	## Company of the content of the con	II Control Eff/100) 2000 Imissions (tons) Include documentation Include documentation Include documentation Include reference Include documentation
PM10 FIL * SOx NOx	Choose from the Source of Emission Factor list at lower right 4F 4F	Lbs./unit of throughput 14.0000 39.7000 604.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05 0.14 2.10	x (1-Overa = Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc	II Control Eff/100) 2000 Imissions (tons) Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation
PM10 FIL * SOx NOx VOC CO	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F	14.0000 39.7000 604.0000 49.3000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05 0.14 2.10 0.17	## Company of the content of the con	II Control Eff/100) 2000 Imissions (tons) Include documentation Include documentation Include reference Include documentation
PM10 FIL * SOx NOx VOC	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F	14.0000 39.7000 604.0000 49.3000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05 0.14 2.10 0.17	## Company of the content of the con	II Control Eff/100) 2000 Imissions (tons) Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation
PM10 FIL * SOx NOx VOC CO LEAD	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F	14.0000 39.7000 604.0000 49.3000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05 0.14 2.10 0.17	## Company of the content of the con	II Control Eff/100) 2000 Imissions (tons) Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3
PM10 FIL * SOx NOx VOC CO	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F	14.0000 39.7000 604.0000 49.3000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05 0.14 2.10 0.17	## Company of the content of the con	II Control Eff/100) 2000 Imissions (tons) Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include forumentation Include forumentation Include forumentation Include forumentation Include forumentation Supply TANKS output Complete Form 2.3 Complete Form 2.4
PM10 FIL * SOx NOx VOC CO LEAD HAPs	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F 4F	Lbs./unit of throughput 14.0000 39.7000 604.0000 49.3000 130.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05 0.14 2.10 0.17 0.45	## Company of the content of the con	II Control Eff/100) 2000 Imissions (tons) Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include focumentation
PM10 FIL * SOx NOx VOC CO LEAD	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F	14.0000 39.7000 604.0000 49.3000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05 0.14 2.10 0.17	## Company of the content of the con	II Control Eff/100) 2000 Imissions (tons) Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include forumentation Include forumentation Include forumentation Include forumentation Include forumentation Include forumentation Supply TANKS output Complete Form 2.3 Complete Form 2.4
PM10 FIL * SOx NOx VOC CO LEAD HAPs PM2.5 FIL *	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F 4F	Lbs./unit of throughput 14.0000 39.7000 604.0000 49.3000 130.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05 0.14 2.10 0.17 0.45	## Company of the content of the con	II Control Eff/100) 2000 Imissions (tons) Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.7 Complete Form 2.8 Complete Form 2.T
PM10 FIL * SOx NOx VOC CO LEAD HAPs	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F 4F	Lbs./unit of throughput 14.0000 39.7000 604.0000 49.3000 130.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05 0.14 2.10 0.17 0.45	## Company of the content of the con	II Control Eff/100) 2000 Imissions (tons) Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include Ference Complete Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.8
PM10 FIL * SOx NOx VOC CO LEAD HAPs PM2.5 FIL *	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F 4F	Lbs./unit of throughput 14.0000 39.7000 604.0000 49.3000 130.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.05 0.14 2.10 0.17 0.45	## Company of the process of the pro	II Control Eff/100) 2000 Imissions (tons) Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.7 Complete Form 2.8 Complete Form 2.9

NEW MADRID POWER PLANT MARSTON				NTY NO. 143	PLANT NO. 0004	YEAR OF DATA 2014
EMISSION UNIT NO.	EP-03		SOURCE (CLASSIFICATION C	ODE (SCC) 100102	SEG. NO.
1. COMBUSTION EQUIP	PMENT INFORM	MATION				
COAL FIRING CODE LIST		QUIPMENT DESCRIPTION	YEAR PUT IN SERVICE	COAL FIRING CODE NO. (CODE LIST AT LEFT	MAXIMUM DESIGN RATE) (MILLION BTU/HR.)	
1. TANGENTIAL	EME	ERGENCY GENERATOR		01/01/1983		8.350000
2. OPPOSED						
3. FRONT						
4. DRY/WET BOTTOM						
OTHER (SPECIFY)						
			Sum	of total maxi	mum hourly design rate	s 8.3500
COMBUSTION EQUIPM	IENT USE (CHE	CK ONE)				
X Electric power gener	ation [Industrial use	Comr	mercial/Institu	itional Space	e heating
Other (specify):						
COMBUSTION EQUIPM	IENT CATEGOR	RY - COAL USE ONLY (CHECK	ONE)			
Pulverized coal	Pulveriz	zed coal dry bottom	Pulverize	d coal wet bo	ttom Cyclon	e
Fluidized bed	Spread	er stoker C	Overfeed	stoker	Underf	eed stoker
Hand fired	X Other (specify): EMER	RGENCY	GENERATO	OR	
2. FUEL INFORMATION	(CHECK ONLY	ONE)				
LIQUID FUEL	LS	GASEOUS FUELS		SOI	LID FUELS	OTHER
Ethanol	[Blast oven gas		Anthracite (Coal	Other (specify):
X Fuel oil 1-4 (distillate	e) [Coke oven gas		Bagasse		
Fuel oil 5-6 (residual) [Liquid propane gas (LPG)		Bark		
Gasoline][Natural gas		Bituminous	coal	
Kerosene				Coke		
				Lignite		
			Subbituminous coal			
				Wood		
3. CALCULATION OF M	IAXIMUM HOUF	RLY DESIGN RATE				
TOTAL HEAT CO (BTU/FUEL U		MAXIMUM HOURLY DESIG (FUEL UNIT/HR.)	N RATE	= Ma	aximum Design Rate (mmbtu/h	r.) X 1,000,000 (btu/mmbtu)
,					Heat Content (b	tu/fuel unit)
140,000,000.0	000000	0.05964				

FACILITY NAME				FIPS COLU	FIPS COUNTY NO. PLANT NO. YEAR OF DATA			
	D POWER PLA	NT MARSTON		11100001	143	0004	2014	
	UNIT IDENTIFIC							
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION						
EP-04				COAL UN	NLOADING			
2. EMISSION I	PROCESS DETA	\IL						
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION			
1		305010	08			Unloading		
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	OMPLETE FORM 2.0S STACK/\	/ENT INFORMATION	
ARE THE EMISSIONS	S FROM THIS UNIT FUG	ITIVE?	Yes X No	IF FUGITIV	E, WHAT PERCENTAG	E?		
3. OPERATING	G RATE/SCHED	ULE				4. ANNUAL FUEL C	HARACTERISTICS	
ANNUAL THROUGHE	PUT	UNITS		DEC-FEB (%)		For coal or fuel oil, lis	st details below	
				28	.11			
3,962	2,805.00	тс	NS	MAR-MAY (%)		Heat Content (BTU/Fuel Unit)		
				20	.13			
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)		
				29	.04		0.00	
12.00	6.00	50	3,600.00	SEPT-NOV (%)		SULFUR % (INCLUDE IN EF)		
			0,000.00	22	.72		0.00	
5 EMISSION (L CALCULATIONS							
AIR	1.	2.	3.	4.	5.	Δnnual	Throughput	
POLLUTANT	SOURCE OF EMISSION FACTOR	EMISSION FACTOR	EMISSION FACTOR(EF) CONTROL STATUS	OVERALL CONTROL EFFICIENCY (% FORMAT)	ACTUAL EMISSIONS (TONS/YR)	x Emis x (1-Overal	ssion Factor I Control Eff/100) - 2000	
						= Actual E	missions (tons)	
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	= Actual E List Other Worksheets or AP-42/Other Reference	missions (tons)	
Instructions: PM10 FIL *	Source of Emission Factor list	Lbs./unit of throughput 0.0006	mark "C",	capture and destruction	Form 2.0C Control	List Other Worksheets or AP-42/Other Reference	missions (tons)	
	Source of Emission Factor list at lower right	· ·	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference	, ,	
PM10 FIL *	Source of Emission Factor list at lower right	· ·	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference	IISSION FACTOR LIST	
PM10 FIL *	Source of Emission Factor list at lower right	· ·	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM	IISSION FACTOR LIST Include documentation	
PM10 FIL *	Source of Emission Factor list at lower right	· ·	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test	Include documentation Include documentation	
PM10 FIL *	Source of Emission Factor list at lower right	· ·	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE	Include documentation Include documentation Include documentation Include documentation Include reference	
PM10 FIL * SOx NOx VOC	Source of Emission Factor list at lower right	· ·	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other	Include documentation Include documentation Include documentation Include documentation Include reference Include documentation	
PM10 FIL * SOx NOx	Source of Emission Factor list at lower right	· ·	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc	Include documentation Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation	
PM10 FIL * SOx NOx VOC CO	Source of Emission Factor list at lower right	· ·	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht	Include documentation Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation	
PM10 FIL * SOx NOx VOC	Source of Emission Factor list at lower right	· ·	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output	
PM10 FIL * SOx NOx VOC CO LEAD	Source of Emission Factor list at lower right	· ·	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal	Include documentation Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3	
PM10 FIL * SOx NOx VOC CO	Source of Emission Factor list at lower right	· ·	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output	
PM10 FIL * SOx NOx VOC CO LEAD HAPs	Source of Emission Factor list at lower right 4F	0.0006	mark "C", otherwise "U" No Control	capture and destruction efficiencies 99.00	Porm 2.0C Control Device Listing 0.01	List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road	Include documentation Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4 Complete Form 2.7	
PM10 FIL * SOx NOx VOC CO LEAD	Source of Emission Factor list at lower right	· ·	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road 2.8. Storage Pile	Include documentation Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4	
PM10 FIL * SOx NOx VOC CO LEAD HAPs PM2.5 FIL *	Source of Emission Factor list at lower right 4F	0.0006	mark "C", otherwise "U" No Control	capture and destruction efficiencies 99.00	Porm 2.0C Control Device Listing 0.01	List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.8	
PM10 FIL * SOx NOx VOC CO LEAD HAPs	Source of Emission Factor list at lower right 4F	0.0006	mark "C", otherwise "U" No Control	capture and destruction efficiencies 99.00	Porm 2.0C Control Device Listing 0.01	List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road 2.8. Storage Pile 2.T. HAP Worksheet	Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.7 Complete Form 2.8 Complete Form 2.T	

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA
NEW MADRI	D POWER PLA	ANT MARSTON	l		143	0004	2014
1. EMISSION	UNIT IDENTIFIC	ATION					
EMISSION UNIT NO.	EMISSION UNIT DE						
EP-05				COAL CO	ONVEYING		
2. EMISSION	PROCESS DETA	\IL					
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION		
1		305010)11			Coal Transfer	
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X	No IF YES, C	OMPLETE FORM 2.0S STACK/	VENT INFORMATION
ARE THE EMISSION	S FROM THIS UNIT FUG	ITIVE?	Yes X No	IF FUGITI\	/E, WHAT PERCENTAG	E?	
3. OPERATING	G RATE/SCHED	ULE				4. ANNUAL FUEL C	CHARACTERISTICS
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)		For coal or fuel oil, li	st details below
				28	3.11		
3,962	2,805.00	TC	DNS	MAR-MAY (%) 20).13	Heat Content (BTU/Fuel Unit)	
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)	
				29	0.04		0.00
12.00	6.00	50	3,600.00	SEPT-NOV (%)		SULFUR % (INCLUDE IN EF)	
				22	2.72		0.00
5. EMISSION	CALCULATIONS	3					
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	x Emi	l Throughput ssion Factor Il Control Eff/100) ÷ 2000
						= Actual E	Emissions (tons)
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference	, ,
PM10 FIL *	4F	0.0013	No Control	65.00	0.90	SOURCE OF EM	MISSION FACTOR LIST
SOx						1. CEM	Include documentation
						2. Stack Test	Include documentation
NOx						3. Mass Balance	Include documentation
						4. AP-42	Include reference
VOC						4F. FIRE or webFIRE	
						5. Other	Include documentation
СО						EC. Engr Calc	Include documentation Include documentation
1545						LS. Landfill Spdsht	
LEAD						TK. TANKS Program 2.3. VOC Mass Bal	Supply TANKS output Complete Form 2.3
HAPs						2.4. Liquid Loading	Complete Form 2.4
HAFS						2.4. Liquid Loading 2.7. Haul Road	Complete Form 2.7
PM2.5 FIL *	5	0.0004	No Control	65.00	0.26	2.8. Storage Pile	Complete Form 2.8
I WIZ.J FIL	3	0.0004	NO CONTION	05.00	0.20	2.T. HAP Worksheet	Complete Form 2.T
NH3						2.9. Stack Test/CEM	Complete Form 2.9
5						2.0L. Landfill	Complete Form 2.0L
PM CON*						are required and sh	ed, PM10 and PM25 entries above ould represent only the filterable

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA
NEW MADRI	D POWER PLA	ANT MARSTON	I		143	0004	2014
1. EMISSION	UNIT IDENTIFIC	ATION					
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION					
EP-05				COAL CO	ONVEYING		
2. EMISSION	PROCESS DETA	\IL					
SEG. NO.	_	CATION CODE (SCC)		SCC DESC	CRIPTION		
2		305010)11			Coal Transfer	
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	COMPLETE FORM 2.0S STACK	VENT INFORMATION
ARE THE EMISSION	S FROM THIS UNIT FUG	SITIVE?	Yes X No	IF FUGITI\	/E, WHAT PERCENTAG	EE?	
3. OPERATIN	G RATE/SCHED	ULE				4. ANNUAL FUEL C	CHARACTERISTICS
ANNUAL THROUGHI	PUT	UNITS	7.88	For coal or fuel oil, li	st details below		
4,769	9,413.00	ТС	ONS	MAR-MAY (%)	2.61	Heat Content (BTU/Fuel Unit)	
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)	
					7.55		0.00
24.00	7.00	44	7,392.00	SEPT-NOV (%) 21	.96	SULFUR % (INCLUDE IN EF)	0.00
5. EMISSION	CALCULATIONS	3					
AIR	1.	2.	3.	4.	5.	Annua	I Throughput
POLLUTANT	SOURCE OF EMISSION FACTOR	EMISSION FACTOR	EMISSION FACTOR(EF) CONTROL STATUS	OVERALL CONTROL EFFICIENCY (% FORMAT)	ACTUAL EMISSIONS (TONS/YR)	x Emi x (1-Overa	ssion Factor II Control Eff/100) ÷ 2000
Instructions:	Choose from the	Lbs./unit of throughput	If EF includes control	Combination of all	If controlled, include	List Other Worksheets or	Emissions (tons)
mondonorio.	Source of Emission Factor list at lower right	Lbs./unit of throughput	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	AP-42/Other Reference	
PM10 FIL *	4F	0.0012	No Control	99.00	0.03	SOURCE OF E	MISSION FACTOR LIST
SOx						1. CEM	Include documentation
						2. Stack Test	Include documentation
NOx						3. Mass Balance	Include documentation
						4. AP-42	Include reference
VOC						4F. FIRE or webFIRE	
						5. Other	Include documentation
CO						EC. Engr Calc	Include documentation Include documentation
LEAD						LS. Landfill Spdsht	Supply TANKS output
LEAD						TK. TANKS Program 2.3. VOC Mass Bal	Complete Form 2.3
HAPs						2.4. Liquid Loading	Complete Form 2.4
ПАГЗ						2.7. Haul Road	Complete Form 2.7
PM2.5 FIL *	5	0.0003	No Control	99.00	0.01	2.8. Storage Pile	Complete Form 2.8
1 WIZ.3 I IL		0.0003	NO CONTION	99.00	0.01	2.T. HAP Worksheet	Complete Form 2.T
NH3						2.9. Stack Test/CEM	Complete Form 2.9
'5						2.0L. Landfill	Complete Form 2.0L
PM CON*							ed, PM10 and PM25 entries above nould represent only the filterable

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA	
NEW MADRI	D POWER PLA	ANT MARSTON			143	0004	2014	
1. EMISSION	UNIT IDENTIFIC	ATION						
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION						
EP-05				COAL CO	ONVEYING			
2. EMISSION	PROCESS DETA	\IL						
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION			
3		305010)11			Coal Transfer		
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X	No IF YES, C	OMPLETE FORM 2.0S STACK/	VENT INFORMATION	
ARE THE EMISSION	S FROM THIS UNIT FUG	ITIVE?	Yes X No	IF FUGITIV	/E, WHAT PERCENTAG	E?		
	G RATE/SCHED	ULE				4. ANNUAL FUEL C	CHARACTERISTICS	
ANNUAL THROUGH	PUT	UNITS		7.88	For coal or fuel oil, li	st details below		
4,769	,413.00	тс	DNS	MAR-MAY (%)	2.61	Heat Content (BTU/Fuel Unit)		
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)		
				27	'.55		0.00	
20.00	7.00	44	6,160.00	SEPT-NOV (%)	EPT-NOV (%) 21.96 SULFUR % (INCLUDE IN EF) 0.00			
5. EMISSION	CALCULATIONS	5				•		
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	x Emi x (1-Overa	Il Throughput ssion Factor Il Control Eff/100) ÷ 2000	
						= Actual E	missions (tons)	
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference		
PM10 FIL *	4F	0.0006	No Control	99.00	0.02	SOURCE OF EM	MISSION FACTOR LIST	
SOx						1. CEM	Include documentation	
						2. Stack Test	Include documentation	
NOx						3. Mass Balance	Include documentation	
						4. AP-42	Include reference	
VOC						4F. FIRE or webFIRE		
						5. Other	Include documentation	
СО						EC. Engr Calc	Include documentation	
						LS. Landfill Spdsht	Include documentation	
LEAD						TK. TANKS Program	Supply TANKS output Complete Form 2.3	
						2.3. VOC Mass Bal	·	
HAPs						2.4. Liquid Loading	Complete Form 2.4 Complete Form 2.7	
DMO F EU +	5	0.0000	No Control	00.00	0.00	2.7. Haul Road 2.8. Storage Pile	Complete Form 2.8	
PM2.5 FIL *	ວ	0.0002	No Control	99.00	0.00	2.8. Storage Pile 2.T. HAP Worksheet	Complete Form 2.8 Complete Form 2.T	
NILIO						2.1. HAP Worksneet 2.9. Stack Test/CEM	Complete Form 2.9	
NH3						2.9. Stack Test/CEM 2.0L. Landfill	Complete Form 2.0L	
PM CON*						* If PM CON is reporte are required and sh	ed, PM10 and PM25 entries above lould represent only the filterable and filterable PM25	

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA
NEW MADRI	D POWER PLA	ANT MARSTON	I		143	0004	2014
1. EMISSION	UNIT IDENTIFIC	ATION					
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION					
EP-05				COAL CO	ONVEYING		
2. EMISSION	PROCESS DETA	\IL					
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION		
4		305010)11			Coal Transfer	
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	COMPLETE FORM 2.0S STACK	VENT INFORMATION
ARE THE EMISSION	S FROM THIS UNIT FUG	SITIVE?	Yes X No	IF FUGITI\	/E, WHAT PERCENTAG	EE?	
3. OPERATIN	G RATE/SCHED	ULE				4. ANNUAL FUEL C	CHARACTERISTICS
ANNUAL THROUGHI	PUT	UNITS	7.88	For coal or fuel oil, li	st details below		
4,769	,413.00	ТС	ONS	MAR-MAY (%)	2.61	Heat Content (BTU/Fuel Unit)	
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)	
					'.55 ———————————————————————————————————		0.00
20.00	7.00	44	6,160.00	SEPT-NOV (%) 21	.96	SULFUR % (INCLUDE IN EF)	0.00
5. EMISSION	CALCULATIONS	3					
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	x Emi x (1-Overa	Il Throughput ssion Factor Il Control Eff/100) ÷ 2000
							Emissions (tons)
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference	
PM10 FIL *	4F	0.0013	No Control	99.00	0.03	SOURCE OF E	MISSION FACTOR LIST
SOx						1. CEM	Include documentation
						2. Stack Test	Include documentation
NOx						3. Mass Balance	Include documentation
						4. AP-42	Include reference
VOC						4F. FIRE or webFIRE	Include decumentation
						5. Other	Include documentation Include documentation
СО						EC. Engr Calc LS. Landfill Spdsht	Include documentation
LEAD						TK. TANKS Program	Supply TANKS output
LEAD						2.3. VOC Mass Bal	Complete Form 2.3
HAPs						2.4. Liquid Loading	Complete Form 2.4
iiAi 9						2.7. Haul Road	Complete Form 2.7
PM2.5 FIL *	5	0.0004	No Control	99.00	0.01	2.8. Storage Pile	Complete Form 2.8
						2.T. HAP Worksheet	Complete Form 2.T
NH3						2.9. Stack Test/CEM	Complete Form 2.9
						2.0L. Landfill	Complete Form 2.0L
PM CON*							ed, PM10 and PM25 entries above nould represent only the filterable

FACILITY NAME				FIPS COU		PLANT NO.	YEAR OF DATA	
NEW MADRI	D POWER PLA	ANT MARSTON			143	0004	2014	
	UNIT IDENTIFICA							
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION						
EP-06				COAL C	RUSHING			
2. EMISSION	PROCESS DETA	\IL						
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION			
1		305010	10			Crushing		
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	Yes	No IF YES, C	COMPLETE FORM 2.0S STACK	VENT INFORMATION	
ARE THE EMISSION	S FROM THIS UNIT FUG	ITIVE?	Yes X No	IF FUGITIV	/E, WHAT PERCENTAG	E?		
3. OPERATIN	G RATE/SCHED	ULE				4. ANNUAL FUEL C	CHARACTERISTICS	
ANNUAL THROUGHI	PUT	UNITS		7.88	For coal or fuel oil, li	st details below		
4,769	,413.00	тс	DNS	MAR-MAY (%)	2.61	Heat Content (BTU/Fuel Unit)		
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)		
				27	7.55		0.00	
24.00	7.00	44	7,392.00	SEPT-NOV (%)	SULFUR % (INCLUDE IN EF) 21.96 0.00			
5. EMISSION	CALCULATIONS	5						
AIR	1.	2.	3.	4.	5.	Annua	l Throughput	
POLLUTANT	SOURCE OF EMISSION FACTOR	EMISSION FACTOR	EMISSION FACTOR(EF) CONTROL STATUS	OVERALL CONTROL EFFICIENCY (% FORMAT)	ACTUAL EMISSIONS (TONS/YR)	x Emi x (1-Overa	ssion Factor II Control Eff/100) ÷ 2000	
							Emissions (tons)	
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference		
PM10 FIL *	4F	0.0193	No Control	99.00	0.46	SOURCE OF E	MISSION FACTOR LIST	
SOx						1. CEM	Include documentation	
						2. Stack Test	Include documentation	
NOx						3. Mass Balance	Include documentation	
						4. AP-42	Include reference	
VOC						4F. FIRE or webFIRE		
						5. Other	Include documentation	
co						EC. Engr Calc	Include documentation	
						LS. Landfill Spdsht	Include documentation	
LEAD						TK. TANKS Program	Supply TANKS output	
						2.3. VOC Mass Bal	Complete Form 2.3	
HAPs						2.4. Liquid Loading	Complete Form 2.4	
	_	0.555-	N 0	0.5.5.5		2.7. Haul Road	Complete Form 2.7	
PM2.5 FIL *	5	0.0056	No Control	99.00	0.13	2.8. Storage Pile	Complete Form 2.8 Complete Form 2.T	
All Io						2.T. HAP Worksheet	·	
NH3						2.9. Stack Test/CEM	Complete Form 2.9 Complete Form 2.0L	
DM CONS						2.0L. Landfill * If PM CON is report.	ed, PM10 and PM25 entries above	
PM CON*							ed, PM to and PM25 entries above nould represent only the filterable	

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA
NEW MADRI	D POWER PLA	ANT MARSTON	I		143	0004	2014
1. EMISSION	UNIT IDENTIFIC	ATION					
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION					
EP-07				ASH L	OADING		
2. EMISSION	PROCESS DETA	\IL					
SEG. NO.	_	CATION CODE (SCC)		SCC DESC	CRIPTION		
1		305010)15		Ash Loading (A	At Silos - Other thar	n the Paddle Mixer)
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	COMPLETE FORM 2.0S STACK/	VENT INFORMATION
ARE THE EMISSION	S FROM THIS UNIT FUG	SITIVE?	Yes X No	IF FUGITI\	/E, WHAT PERCENTAG	E?	
3. OPERATIN	G RATE/SCHED	ULE				4. ANNUAL FUEL C	CHARACTERISTICS
ANNUAL THROUGHI	PUT	UNITS	5.00	For coal or fuel oil, li	st details below		
C	0.00	ТС	ONS	MAR-MAY (%)	5.00	Heat Content (BTU/Fuel Unit)	
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)	
					5.00		0.00
24.00	7.00	52	8,736.00	SEPT-NOV (%) 25	5.00	SULFUR % (INCLUDE IN EF)	0.00
5. EMISSION	CALCULATIONS	3					
AIR	1.	2.	3.	4.	5.	Annua	l Throughput
POLLUTANT	SOURCE OF EMISSION FACTOR	EMISSION FACTOR	EMISSION FACTOR(EF) CONTROL STATUS	OVERALL CONTROL EFFICIENCY (% FORMAT)	ACTUAL EMISSIONS (TONS/YR)	x Emi x (1-Overa	ssion Factor II Control Eff/100) ÷ 2000
Instructions:		11. (% 60	WEE: 1.1	0 1: :: (!!			Emissions (tons)
mstructions.	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference	
PM10 FIL *	4F	0.0500	Controlled	0.00	0.00	SOURCE OF EM	MISSION FACTOR LIST
SOx						1. CEM	Include documentation
						2. Stack Test	Include documentation
NOx						3. Mass Balance	Include documentation
						4. AP-42	Include reference
VOC						4F. FIRE or webFIRE	
						5. Other	Include documentation
СО						EC. Engr Calc	Include documentation
						LS. Landfill Spdsht	Include documentation
LEAD						TK. TANKS Program 2.3. VOC Mass Bal	Supply TANKS output Complete Form 2.3
ШАВо						2.4. Liquid Loading	Complete Form 2.4
HAPs						2.4. Liquid Loading 2.7. Haul Road	Complete Form 2.7
PM2.5 FIL *	5	0.0146	No Control	0.00	0.00	2.8. Storage Pile	Complete Form 2.8
I WIZ.J FIL		0.0140	INO CONTION	0.00	0.00	2.T. HAP Worksheet	Complete Form 2.T
NH3						2.9. Stack Test/CEM	Complete Form 2.9
15						2.0L. Landfill	Complete Form 2.0L
PM CON*							ed, PM10 and PM25 entries above nould represent poly the filterable

FACILITY NAME				FIPS COU	NTY NO.		YEAR OF DATA			
NEW MADRID POWER PLANT MARSTON					143	0004	2014			
1. EMISSION	UNIT IDENTIFIC	ATION								
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION								
EP-07		ASH LOADING								
2. EMISSION	PROCESS DETA	AIL								
SEG. NO.	SOURCE CLASSIFI	ICATION CODE (SCC)		SCC DESC	CRIPTION					
2		30501015 Ash Loading (At Silos - Other than the Paddle Mixer)								
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes						
ARE THE EMISSION	S FROM THIS UNIT FUG	GITIVE?	Yes X No	IF FUGITI\	/E, WHAT PERCENTAG	E?				
			<u> </u>							
	G RATE/SCHED			T		4. ANNUAL FUEL CI				
ANNUAL THROUGHPUT		UNITS		DEC-FEB (%) 0.00		For coal or fuel oil, lis	t details below			
	0.00	T/	UNIC	MAR-MAY (%)		Heat Content (BTU/Fuel Unit)				
0.00		TONS		75.88		Treat content (2 t c/t det cim)				
HOURS/DAY DAYS/WEEK		WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)				
				24.12		0.00				
12.00	12.00 2.00 1 24.00 SEPT-NOV (%)			SULFUR % (INCLUDE IN EF)						
				0.00		0.00				
5. EMISSION	CALCULATIONS	6								
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	Annual Throughput x Emission Factor x (1-Overall Control Eff/100) ÷ 2000				
						= Actual Emissions (tons)				
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference				
PM10 FIL *	4	0.0060	No Control	99.00	0.00	SOURCE OF EMISSION FACTOR LIST				
SOx						1. CEM	Include documentation			
						2. Stack Test	Include documentation			
NOx						3. Mass Balance	Include documentation			
11011						4. AP-42	Include reference			
VOC						4F. FIRE or webFIRE				
						5. Other	Include documentation			
СО						EC. Engr Calc	Include documentation			
						LS. Landfill Spdsht	Include documentation			
LEAD						TK. TANKS Program	Supply TANKS output			
						2.3. VOC Mass Bal	Complete Form 2.3			
HAPs						2.4. Liquid Loading	Complete Form 2.4			
						2.7. Haul Road	Complete Form 2.7			
PM2.5 FIL *	5	0.0018	No Control	99.00	0.00	2.8. Storage Pile	Complete Form 2.8			
						2.T. HAP Worksheet	Complete Form 2.T			
NH3						2.9. Stack Test/CEM	Complete Form 2.9			
						2.0L. Landfill	Complete Form 2.0L			
PM CON*							d, PM10 and PM25 entries above uld represent only the filterable			

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA		
NEW MADRID POWER PLANT MARSTON					143	0004	2014		
1. EMISSION	UNIT IDENTIFICA	ATION							
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION							
EP-08				GASOLINI	E STORAGE				
2. EMISSION	PROCESS DETA	\IL							
SEG. NO.	SOURCE CLASSIFICATION CODE (SCC) SCC DESCRIPTION								
1	40400101			Gaso	Gasoline RVP 13: Breathing Loss (67000 Bbl Capacity) - Fixed Roof Tank				
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	OMPLETE FORM 2.0S STACK	VENT INFORMATION		
ARE THE EMISSION	S FROM THIS UNIT FUG	ITIVE?	Yes X No	IF FUGITI\	/E, WHAT PERCENTAG	E?			
3. OPERATIN	G RATE/SCHED	ULE				4. ANNUAL FUEL C	CHARACTERISTICS		
ANNUAL THROUGH	ANNUAL THROUGHPUT UNITS			DEC-FEB (%)		For coal or fuel oil, list details below			
				25.00					
17.12		1000 GALLONS		MAR-MAY (%) 25.00		Heat Content (BTU/Fuel Unit)			
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR TOTAL HOURS/YEAR		JUN-AUG (%)		ASH % (INCLUDE IN EF)			
				25.00		0.00			
24.00	7.00	52	8,736.00	SEPT-NOV (%) 25.00		SULFUR % (INCLUDE IN EF) 0.00			
5. EMISSION	CALCULATIONS	3							
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	Annual Throughput x Emission Factor x (1-Overall Control Eff/100) ÷ 2000			
In admiration of							Emissions (tons)		
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference			
PM10 FIL *						SOURCE OF EMISSION FACTOR LIST			
SOx						1. CEM	Include documentation		
						2. Stack Test	Include documentation		
NOx						3. Mass Balance	Include documentation		
						4. AP-42	Include reference		
VOC	4F	30.5000	No Control	0.00	0.26	4F. FIRE or webFIRE			
						5. Other	Include documentation		
СО						EC. Engr Calc	Include documentation		
						LS. Landfill Spdsht	Include documentation		
LEAD						TK. TANKS Program	Supply TANKS output Complete Form 2.3		
IIA D						2.3. VOC Mass Bal	'		
HAPs						2.4. Liquid Loading	Complete Form 2.4 Complete Form 2.7		
DMO 5 EU ±						2.7. Haul Road	· ·		
PM2.5 FIL *						2.8. Storage Pile	Complete Form 2.8 Complete Form 2.T		
NUIO						2.T. HAP Worksheet	· ·		
NH3						2.9. Stack Test/CEM 2.0L. Landfill	Complete Form 2.9 Complete Form 2.0L		
PM CON*						* If PM CON is report are required and sh	ed, PM10 and PM25 entries above nould represent only the filterable and filterable PM25.		

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA			
NEW MADRID POWER PLANT MARSTON					143	0004	2014			
1. EMISSION	UNIT IDENTIFIC	ATION								
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION								
EP-08				GASOLINI	E STORAGE					
2. EMISSION	PROCESS DETA	AIL								
SEG. NO.		ICATION CODE (SCC)		SCC DESC	CRIPTION					
2	40400107			Gasoli	Gasoline RVP 13: Working Loss (Diam. Independent) - Fixed Roof Tank					
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	COMPLETE FORM 2.0S STACK	VENT INFORMATION			
ARE THE EMISSION	S FROM THIS UNIT FU	GITIVE?	Yes X No	IF FUGITIV	/E, WHAT PERCENTAG	E?				
3. OPERATIN	G RATE/SCHED	ULE				4. ANNUAL FUEL (CHARACTERISTICS			
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)		For coal or fuel oil, list details below				
				28.58						
17.12		1000 GALLONS		MAR-MAY (%) 28.65		Heat Content (BTU/Fuel Unit)				
	_				5.05					
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	` '	5.12	ASH % (INCLUDE IN EF) 0.00				
2.00	7.00	52	728.00	SEPT-NOV (%)		SULFUR % (INCLUDE IN EF)				
				17	'.65 		0.00			
	CALCULATIONS									
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	Annual Throughput x Emission Factor x (1-Overall Control Eff/100) ÷ 2000				
						= Actual E	Emissions (tons)			
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference				
PM10 FIL *	at lower right			Cincertales		SOURCE OF EMISSION FACTOR LIST				
SOx						1. CEM	Include documentation			
						2. Stack Test	Include documentation			
NOx						3. Mass Balance	Include documentation			
						4. AP-42	Include reference			
VOC	4F	10.0000	No Control	0.00	0.09	4F. FIRE or webFIRE				
						5. Other	Include documentation			
CO						EC. Engr Calc	Include documentation			
						LS. Landfill Spdsht	Include documentation			
LEAD						TK. TANKS Program	Supply TANKS output			
						2.3. VOC Mass Bal	Complete Form 2.3			
HAPs						2.4. Liquid Loading	Complete Form 2.4			
						2.7. Haul Road	Complete Form 2.7			
PM2.5 FIL *						2.8. Storage Pile	Complete Form 2.8			
						2.T. HAP Worksheet	Complete Form 2.T			
NH3						2.9. Stack Test/CEM	Complete Form 2.9			
						2.0L. Landfill	Complete Form 2.0L			
PM CON*						are required and sh	ed, PM10 and PM25 entries above nould represent only the filterable and filterable PM25.			

FACILITY NAME	D POWER PLA	NT MARSTON	I	FIPS COU	NTY NO. 143	PLANT NO. 0004	YEAR OF DATA 2014
	DI OWERT E	WAT WATCH COLOR	•		140	0004	2014
1. EMISSION	UNIT IDENTIFICA	ATION					
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION					
EP-09				BARGE DIE	ESEL PUMPS		
2. EMISSION I	PROCESS DETA	\IL					
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION		
1							
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	No IF YES, C	OMPLETE FORM 2.0S STACK/	VENT INFORMATION	
ARE THE EMISSIONS	S FROM THIS UNIT FUG	ITIVE?	Yes X No	IF FUGITIV	/E, WHAT PERCENTAG	E?	
3. OPERATING	G RATE/SCHED	ULE				4. ANNUAL FUEL C	CHARACTERISTICS
ANNUAL THROUGHE	PUT	UNITS		DEC-FEB (%)		For coal or fuel oil, lis	st details below
				25	5.00	l or obar or raor on, m	
	0.00	1000 G	ALLONS	MAR-MAY (%)		Heat Content (BTU/Fuel Unit)	
	7.00	1000 G	ALLONS	` '	5.00	,	,000,000.00
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)	
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	` '	5.00	ASH % (INCLUDE IN EF)	0.00
				_			0.00
1.00	1.00	52	52.00	SEPT-NOV (%)	5.00	SULFUR % (INCLUDE IN EF)	0.00
				20	5.00		0.00
5. EMISSION	CALCULATIONS	3					
AIR	1.	2.	3.	4.	5.	Annua	I Throughput
POLLUTANT	SOURCE OF	EMISSION	EMISSION	OVERALL	ACTUAL	x Emi	ssion Factor
	EMISSION	FACTOR	FACTOR(EF)	CONTROL	EMISSIONS	v. /4 Overno	
				FFFIOIFNOV	(TONOND)	x (1-Overa	II Control Eff/100)
	FACTOR		CONTROL	EFFICIENCY (% FORMAT)	(TONS/YR)		II Control Eff/100) ÷ 2000
				EFFICIENCY (% FORMAT)	(TONS/YR)		
			CONTROL		(TONS/YR)	· .	
Instructions:	FACTOR Choose from the	Lbs./unit of throughput	CONTROL STATUS	(% FORMAT) Combination of all	If controlled, include	= Actual E	÷ 2000
Instructions:	Choose from the Source of Emission Factor list		CONTRÒL STATUS	(% FORMAT) Combination of all capture and destruction	, ,	= Actual E	÷ 2000
	FACTOR Choose from the Source of Emission	Lbs./unit of throughput	CONTROL STATUS If EF includes control mark "C", otherwise "U"	(% FORMAT) Combination of all capture and	If controlled, include Form 2.0C Control	= Actual E List Other Worksheets or AP-42/Other Reference	÷ 2000
Instructions: PM10 FIL *	Choose from the Source of Emission Factor list at lower right		CONTROL STATUS	(% FORMAT) Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	= Actual E List Other Worksheets or AP-42/Other Reference	÷ 2000 Emissions (tons)
	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	CONTROL STATUS If EF includes control mark "C", otherwise "U"	(% FORMAT) Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	= Actual E List Other Worksheets or AP-42/Other Reference	÷ 2000 Emissions (tons)
PM10 FIL *	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput 42.5000	If EF includes control mark "C", otherwise "U" No Control	Combination of all capture and destruction efficiencies 0.00	If controlled, include Form 2.0C Control Device Listing 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN	÷ 2000 Emissions (tons)
PM10 FIL *	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput 42.5000	If EF includes control mark "C", otherwise "U" No Control	Combination of all capture and destruction efficiencies 0.00	If controlled, include Form 2.0C Control Device Listing 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM	÷ 2000 Emissions (tons) MISSION FACTOR LIST Include documentation
PM10 FIL *	Choose from the Source of Emission Factor list at lower right 4F	Lbs./unit of throughput 42.5000 39.7000	If EF includes control mark "C", otherwise "U" No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test	Emissions (tons) MISSION FACTOR LIST Include documentation Include documentation
PM10 FIL *	Choose from the Source of Emission Factor list at lower right 4F	Lbs./unit of throughput 42.5000 39.7000	If EF includes control mark "C", otherwise "U" No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance	Emissions (tons) MISSION FACTOR LIST Include documentation Include documentation Include documentation
PM10 FIL * SOx NOx	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F	Lbs./unit of throughput 42.5000 39.7000 604.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.00 0.00 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42	Emissions (tons) MISSION FACTOR LIST Include documentation Include documentation Include documentation
PM10 FIL * SOx NOx	Choose from the Source of Emission Factor list at lower right 4F 4F	Lbs./unit of throughput 42.5000 39.7000 604.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.00 0.00 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc	Emissions (tons) MISSION FACTOR LIST Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation
PM10 FIL * SOx NOx VOC CO	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F	Lbs./unit of throughput 42.5000 39.7000 604.0000 49.3000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.00 0.00 0.00 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht	Emissions (tons) MISSION FACTOR LIST Include documentation Include documentation Include reference Include documentation
PM10 FIL * SOx NOx VOC	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F	Lbs./unit of throughput 42.5000 39.7000 604.0000 49.3000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.00 0.00 0.00 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program	Emissions (tons) MISSION FACTOR LIST Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output
PM10 FIL * SOx NOx VOC CO LEAD	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F 4F	Lbs./unit of throughput 42.5000 39.7000 604.0000 49.3000 130.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.00 0.00 0.00 0.00 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal	Emissions (tons) MISSION FACTOR LIST Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3
PM10 FIL * SOx NOx VOC CO	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F	Lbs./unit of throughput 42.5000 39.7000 604.0000 49.3000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.00 0.00 0.00 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading	Emissions (tons) MISSION FACTOR LIST Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Include Form 2.3 Complete Form 2.4
PM10 FIL * SOx NOx VOC CO LEAD HAPs	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F 4F 5	Lbs./unit of throughput 42.5000 39.7000 604.0000 49.3000 130.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.00 0.00 0.00 0.00 0.00 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road	Emissions (tons) MISSION FACTOR LIST Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include Form 2.3 Complete Form 2.4 Complete Form 2.7
PM10 FIL * SOx NOx VOC CO LEAD	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F 4F	Lbs./unit of throughput 42.5000 39.7000 604.0000 49.3000 130.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.00 0.00 0.00 0.00 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road 2.8. Storage Pile	Emissions (tons) MISSION FACTOR LIST Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.8
PM10 FIL * SOx NOx VOC CO LEAD HAPs PM2.5 FIL *	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F 4F 5	Lbs./unit of throughput 42.5000 39.7000 604.0000 49.3000 130.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.00 0.00 0.00 0.00 0.00 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road 2.8. Storage Pile 2.T. HAP Worksheet	Emissions (tons) MISSION FACTOR LIST Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.7 Complete Form 2.8 Complete Form 2.T
PM10 FIL * SOx NOx VOC CO LEAD HAPs	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F 4F 5	Lbs./unit of throughput 42.5000 39.7000 604.0000 49.3000 130.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.00 0.00 0.00 0.00 0.00 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EN 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road 2.8. Storage Pile 2.9. Stack Test/CEM	Emissions (tons) MISSION FACTOR LIST Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.7 Complete Form 2.8 Complete Form 2.9
PM10 FIL * SOx NOx VOC CO LEAD HAPs PM2.5 FIL *	Choose from the Source of Emission Factor list at lower right 4F 4F 4F 4F 4F 5	Lbs./unit of throughput 42.5000 39.7000 604.0000 49.3000 130.0000	CONTROL STATUS If EF includes control mark "C", otherwise "U" No Control No Control No Control No Control No Control No Control No Control	Combination of all capture and destruction efficiencies 0.00 0.00 0.00 0.00 0.00	If controlled, include Form 2.0C Control Device Listing 0.00 0.00 0.00 0.00 0.00 0.00	= Actual E List Other Worksheets or AP-42/Other Reference SOURCE OF EM 1. CEM 2. Stack Test 3. Mass Balance 4. AP-42 4F. FIRE or webFIRE 5. Other EC. Engr Calc LS. Landfill Spdsht TK. TANKS Program 2.3. VOC Mass Bal 2.4. Liquid Loading 2.7. Haul Road 2.8. Storage Pile 2.T. HAP Worksheet 2.9. Stack Test/CEM 2.0L. Landfill	Emissions (tons) MISSION FACTOR LIST Include documentation Include documentation Include documentation Include reference Include documentation Include documentation Include documentation Include documentation Include documentation Supply TANKS output Complete Form 2.3 Complete Form 2.4 Complete Form 2.7 Complete Form 2.7 Complete Form 2.8 Complete Form 2.T

MISSOURI DEPARTMENT OF NATURAL RESOURCES AIR POLLUTION CONTROL PROGRAM

EMISSIONS INVENTORY QUESTIONNAIRE, OR EIQ

FORM 2.T HAZARDOUS AIR POLLUTANT WORKSHEET

FACILITY NAME	FIPS COUNTY NO.	PLANT NO.	YEAR OF DATA
NEW MADRID POWER PLANT MARSTON	143	0004	2014
EMISSION UNIT NO.	SOURCE CLASSIFICATION CODE (SCC)		SEG. NO.
EP-09	20200102		1

Use this form to report any Hazardous Air Pollutant, or HAP, which is emitted in any amount greater than the chemical reporting levels per each emission unit. The instructions for this form provide a list of the HAPs regulated under the Clean Air Act. The amount emitted (Column 4) should be reported before control equipment reductions are applied. Provide documentation (other worksheets, etc.) if the amount in Column 3 does not equal the amount in Column 4. The HAP reporting levels per emission unit are as follows: Category 1 HAPs - sum of 20 pounds per year; All other HAPs - sum of 200 pounds per year.

pourius per year.									
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
HAP CHEMICAL	CAS NUMBER	AMOUNT USED OR HANDLED (LBS./YR.)	UNCONTROLLED AMOUNT EMITTED (LBS./YR.)	UNCONTROLLED EMISSIONS REPORTED AS VOC OR PM10 (LBS./YR.)	UNCONTROLLED EMISSIONS REPORTED AS HAPs (LBS./YR.)	HAP CONTROL DEVICE(S)	CONTROL EFFICIENCY (%)	CONTROLLED EMISSIONS REPORTED AS VOC OR PM10 (LBS./YR.)	CONTROLLED EMISSIONS REPORTED AS HAPS (LBS./YR.)
1,3-Butadiene	106-99-0	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Acetaldehyde	75-07-0	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Acrolein	107-02-8	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Benzene	71-43-2	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Formaldehyde	50-00-0	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Isomers of xylene	1330-20-7	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Naphthalene	91-20-3	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Propionaldehyde	123-38-6	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Propylene oxide	75-56-9	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
Toluene	108-88-3	0.00	0.00	0.00	0.00		0.00000	0.00	0.00
		· ·		SUM (LBS./YR.) 0.00	SUM (LBS./YR.) 0.00			SUM (LBS./YR. 0.00	SUM (LBS./YR.) 0.00
Uncontrolled HAP Emission Factor =		Sum of uncontrolled emissions reported as HAPs (Column 6 Total)/Annual Throughput (Form 2.0)			11. HAP EMISSION FACTOR 0.0				

Enter the HAP emission factor for all chemicals that are not reported as VOCs or PM10 from Block 11 above as the HAP Emission Factor in Section 5 on Form 2.0.

MISSOURI DEPARTMENT OF NATURAL RESOURCES AIR POLLUTION CONTROL PROGRAM EMISSIONS INVENTORY QUESTIONNAIRE, OR EIQ FORM 2.1 FUEL COMBUSTION WORKSHEET

FACILITY NAME NEW MADRID POWE	R PLANT MAF	RSTON	FIPS COUN	TY NO. 143	PLANT NO. 0004	YEAR OF DATA 2014
EMISSION UNIT NO.			SOURCE CL	ASSIFICATION C		SEG. NO.
	EP-09			202	1 1	
1. COMBUSTION EQUI	PMENT INFORM	MATION	Ī			
COAL FIRING CODE LIST	EQ	QUIPMENT DESCRIPTION		YEAR PUT IN SERVICE	COAL FIRING CODE NO. (CODE LIST AT LE	MAXIMUM DESIGN RATE FT) (MILLION BTU/HR.)
1. TANGENTIAL	BARGE D	IESEL PUMPS (QUANTITY-1	0) 0	1/01/2001		7.840000
2. OPPOSED						
3. FRONT						
4. DRY/WET BOTTOM						
OTHER (SPECIFY)						
			Sum	of total max	imum hourly design ra	ates 7.8400
COMBUSTION EQUIPM	IENT USE (CHE	CK ONE)				
X Electric power gener	ration	Industrial use	Comm	ercial/Institu	itional Spa	ace heating
Other (specify):						
COMBUSTION EQUIPM	IENT CATEGOR	RY - COAL USE ONLY (CHECK	ONE)			
Pulverized coal	Pulveriz	zed coal dry bottom	ulverized	coal wet bo	ttom Cycle	one
Fluidized bed	Spread	er stoker C	overfeed s	stoker	Unde	erfeed stoker
Hand fired	X Other (specify): Barge	e Diesel P	umps		
2. FUEL INFORMATION	(CHECK ONLY	ONE)				
LIQUID FUE	LS	GASEOUS FUELS		SO	LID FUELS	OTHER
Ethanol		Blast oven gas		Anthracite (Coal	Other (specify):
X Fuel oil 1-4 (distillate	e) [Coke oven gas		Bagasse		
Fuel oil 5-6 (residual	l) [Liquid propane gas (LPG)		Bark		
Gasoline][Natural gas		Bituminous	coal	
Kerosene				Coke		
				Lignite		
				Subbitumin	ous coal	
				Wood		
3. CALCULATION OF N	MAXIMUM HOUF	RLY DESIGN RATE				
TOTAL HEAT C		MAXIMUM HOURLY DESIG	N RATE	Ma	aximum Design Rate (mmbt	tu/hr.) X 1,000,000 (btu/mmbtu)
(BTU/FUEL I	UNII)	(FUEL UNIT/HR.)			Heat Content	t (btu/fuel unit)
140,000,000.0	000000	0.05600				



AIR POLLUTION CONTROL PROGRAM EMISSIONS INVENTORY QUESTIONNAIRE, OR EIQ FORM 2.0 EMISSION UNIT INFORMATION

FACILITY NAME				FIPS COU	INTY NO.	PLANT NO.	YEAR OF DATA
NEW MADR	ID POWER PLA	ANT MARSTON	1		143	0004	2014
. =							
1. EMISSION EMISSION UNIT NO.	UNIT IDENTIFIC						
EP-10	EMISSION UNIT DE	SCRIPTION		Internal Camb	ougtion Engine	_	
EP-10					oustion Engines rge Bore Engin		
					Fuel Fired	C	
2. FMISSION	PROCESS DETA	All					
SEG. NO.		CATION CODE (SCC)		SCC DES	CRIPTION		
1		202004	101		Int	ernal Combustion E	Engines
				ustrial - Large Bore	Engine		
						Diesel Fuel Fire	ed
DO THE EMISSIONS	S FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	X Yes	No IF YES, C	COMPLETE FORM 2.0S STACK	(VENT INFORMATION
ARE THE EMISSION	IS FROM THIS UNIT FUG	SITIVE?	Yes X No	IF FUGITI	VE, WHAT PERCENTAG	GE?	
2 ODEDATIN	IC DATE/CCHED					A ANNUAL FUEL	CHARACTERISTICS
ANNUAL THROUGH	IG RATE/SCHED	UNITS		DEC-FEB (%)		For coal or fuel oil, I	
				` ,	2.03	For coar or ruer oil, i	ist details below
	4.04	4000		MAR-MAY (%)		Heat Content (BTU/Fuel Unit)	
	1.34	1000 G	SALLONS		.00	,	0,000,000.00
	T						.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	, ,	7.97	ASH % (INCLUDE IN EF)	0.00
				47	.91		
24.00	7.00	6	1,008.00	SEPT-NOV (%)	00	SULFUR % (INCLUDE IN EF	•
				0	.00		0.00
5. EMISSION	CALCULATIONS	3					
AIR	1.	2.	3.	4.	5.		al Throughput
POLLUTANT	SOURCE OF EMISSION	EMISSION FACTOR	EMISSION FACTOR(EF)	OVERALL CONTROL	ACTUAL EMISSIONS		ission Factor
	FACTOR	TACTOR	CONTROL	EFFICIENCY	(TONS/YR)	x (1-Overa	all Control Eff/100)
			STATUS	(% FORMAT)			÷ 2000
						- Actual F	Emissions (tons)
Instructions:	Choose from the	Lbs./unit of throughput	If EF includes control	Combination of all	If controlled, include	List Other Worksheets of	
	Source of Emission Factor list	3 1	mark "C", otherwise "U"	capture and destruction	Form 2.0C Control Device Listing	AP-42/Other Reference	
D1440 EU +	at lower right	5.4.400		efficiencies	_	COURCE OF F	MICCION FACTOR LICT
PM10 FIL *	5 - Emission Factors provided	5.1480	No Control	0.00	0.00	SOURCE OF E	MISSION FACTOR LIST
	by Engine						
	Manufacturer						
SOx	5	35.0000	No Control	0.00	0.02	1. CEM	Include documentation
						2. Stack Test	Include documentation
NOx	5	110.8801	No Control	0.00	0.07	3. Mass Balance	Include documentation
						4. AP-42	Include reference
VOC						4F. FIRE or webFIRE	
						5. Other	Include documentation
СО	5	67.3200	No Control	0.00	0.05	EC. Engr Calc	Include documentation
						LS. Landfill Spdsht	Include documentation
LEAD						TK. TANKS Program	Supply TANKS output Complete Form 2.3
1145						2.3. VOC Mass Bal	·
HAPs						2.4. Liquid Loading	Complete Form 2.4 Complete Form 2.7
DMO F FU *	5	F 0040	No Comfeet	0.00	0.00	2.7. Haul Road 2.8. Storage Pile	Complete Form 2.8
PM2.5 FIL *	5	5.0240	No Control	0.00	0.00	2.8. Storage Pile 2.T. HAP Worksheet	Complete Form 2.8 Complete Form 2.T
	 				 	2.9. Stack Test/CEM	Complete Form 2.9
NH3							

PM CON*			* If PM CON is reported, PM10 and PM25 entries above are required and should represent only the filterable PM10 and filterable PM25.

MO 780-1621 (05-10)

MISSOURI DEPARTMENT OF NATURAL RESOURCES AIR POLLUTION CONTROL PROGRAM EMISSIONS INVENTORY QUESTIONNAIRE, OR EIQ FORM 2.1 FUEL COMBUSTION WORKSHEET

FACILITY NAME NEW MADRID POWE	R PLANT MAR	STON	FIPS COUN	TY NO. 143	PL/	NO. 0004	YEAR OF DATA 2014
EMISSION UNIT NO.			SOURCE C	LASSIFICATION C	ODE (SC	C)	SEG. NO.
	EP-10		20200401				1
1. COMBUSTION EQUI	PMENT INFORM	ATION					
COAL FIRING CODE LIST	EQ	UIPMENT DESCRIPTION		YEAR PUT IN SERVICE		COAL FIRING CODE NO. E LIST AT LEFT)	MAXIMUM DESIGN RATE (MILLION BTU/HR.)
1. TANGENTIAL	Temporary	Air Compressors (non-outage	e) (01/01/2009			21.000000
2. OPPOSED							
3. FRONT							
4. DRY/WET BOTTOM							
OTHER (SPECIFY)							
			Sum	of total maxi	imum h	nourly design rates	21.0000
COMBUSTION EQUIPM	IENT USE (CHE	CK ONE)					
X Electric power gener	ration	Industrial use	Comm	nercial/Institu	ıtional	Space	heating
Other (specify):							
COMBUSTION EQUIPM	IENT CATEGOR	Y - COAL USE ONLY (CHECK	ONE)				
Pulverized coal	Pulveriz	ed coal dry bottom	ulverized	coal wet bo	ttom	Cyclone	
Fluidized bed	Spreade	er stoker C	verfeed	stoker		Underfe	ed stoker
Hand fired	Other (s	specify):					
2. FUEL INFORMATION	(CHECK ONLY	ONE)					
LIQUID FUE	LS	GASEOUS FUELS	SOLID FU			ELS	OTHER
Ethanol		Blast oven gas		Anthracite (Coal		Other (specify):
Fuel oil 1-4 (distillate	e) [Coke oven gas		Bagasse			
Fuel oil 5-6 (residual	l) [Liquid propane gas (LPG)		Bark			
Gasoline		Natural gas		Bituminous	coal		
Kerosene				Coke			
				Lignite			
			Subbitumin	ous co	al		
				Wood			
3. CALCULATION OF M	MAXIMUM HOUR	LY DESIGN RATE					
TOTAL HEAT C (BTU/FUEL U		MAXIMUM HOURLY DESIGI (FUEL UNIT/HR.)	N RATE	= Ma	aximum [Design Rate (mmbtu/hr. Heat Content (btu) X 1,000,000 (btu/mmbtu)
140,000,000.0	000000	0.15000		7			. ,

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO. YEAR OF DATA		
NEW MADRI	D POWER PLA	ANT MARSTON			143	0004	2014	
1. EMISSION	UNIT IDENTIFIC	ATION						
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION						
EP-11				Truck load	l-in of fly ash			
2. EMISSION	PROCESS DETA	AIL.						
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION			
1		305011	10			Truck load-in of fly	ash	
DO THE EMISSIONS FROM THIS EMISSION UNIT FLOW THROUGH A STACK OR VENT? Yes No IF YES, COMPLETE FORM 2.0S STACK/VENT INFORMATION								
ARE THE EMISSIONS FROM THIS UNIT FUGITIVE? Yes No IF FUGITIVE, WHAT PERCENTAGE? 100.00								
3. OPERATING	G RATE/SCHED	ULE				4. ANNUAL FUEL C	HARACTERISTICS	
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)	3.09	For coal or fuel oil, li	st details below	
100,	458.37	тс	DNS	MAR-MAY (%)	3.13	Heat Content (BTU/Fuel Unit)		
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)		
				17	'.46		0.00	
24.00	7.00	52	8,736.00	SEPT-NOV (%)	5.32	SULFUR % (INCLUDE IN EF)	0.00	
							0.00	
	CALCULATIONS		1	<u> </u>			·	
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	Annual Throughput x Emission Factor x (1-Overall Control Eff/100) ÷ 2000		
In atmostic and							missions (tons)	
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference		
PM10 FIL *	4 - 13.2.4	0.0005	No Control	50.00	0.01	SOURCE OF EM	MISSION FACTOR LIST	
SOx						1. CEM	Include documentation	
						2. Stack Test	Include documentation	
NOx						3. Mass Balance	Include documentation	
						4. AP-42	Include reference	
VOC						4F. FIRE or webFIRE		
						5. Other	Include documentation	
СО						EC. Engr Calc	Include documentation	
						LS. Landfill Spdsht	Include documentation	
LEAD						TK. TANKS Program	Supply TANKS output Complete Form 2.3	
IIAD-						2.3. VOC Mass Bal	· ·	
HAPs						2.4. Liquid Loading 2.7. Haul Road	Complete Form 2.4 Complete Form 2.7	
PM2.5 FIL *	5	0.0001	No Control	50.00	0.00	2.8. Storage Pile	Complete Form 2.8	
FIVIZ.3 FIL	3	0.0001	NO CONTION	50.00	0.00	2.8. Storage File 2.T. HAP Worksheet	Complete Form 2.T	
NH3						2.9. Stack Test/CEM	Complete Form 2.9	
INITS						2.0L. Landfill	Complete Form 2.0L	
PM CON*						* If PM CON is reporte are required and sh	ed, PM10 and PM25 entries above ould represent only the filterable and filterable PM25.	

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO. YEAR OF DATA			
NEW MADRI	D POWER PLA	ANT MARSTON			143	0004	2014		
1. EMISSION	UNIT IDENTIFICA	ATION							
EMISSION UNIT NO.	EMISSION UNIT DE								
EP-12				Truck load-	out of fly ash				
2. EMISSION	PROCESS DETA	AIL.							
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION				
1		305011	10		,	Ash Unloading at La	ındfill		
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	Yes	No IF YES, C	COMPLETE FORM 2.0S STACK/	VENT INFORMATION		
ARE THE EMISSIONS FROM THIS UNIT FUGITIVE? X Yes No IF FUGITIVE, WHAT PERCENTAGE? 100.00									
3. OPERATING	G RATE/SCHED	ULE				4. ANNUAL FUEL C	HARACTERISTICS		
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)	3.09	For coal or fuel oil, lis	st details below		
93,5	514.71	тс	DNS	MAR-MAY (%)	3.13	Heat Content (BTU/Fuel Unit)			
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)			
				17	.46		0.00		
24.00	7.00	52	8,736.00	SEPT-NOV (%)		SULFUR % (INCLUDE IN EF)			
				16	5.32	0.00			
5. EMISSION	CALCULATIONS	3							
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	Annual Throughput x Emission Factor x (1-Overall Control Eff/100) ÷ 2000			
Instructions:	Chana from the	I ha /unit of throughout	If EE includes control	Combination of all	If controlled include	+	missions (tons)		
mondonoris.	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference			
PM10 FIL *	28	0.1420	No Control	0.00	6.64	SOURCE OF EM	MISSION FACTOR LIST		
SOx						1. CEM	Include documentation		
						2. Stack Test	Include documentation		
NOx						3. Mass Balance	Include documentation		
						4. AP-42	Include reference		
VOC						4F. FIRE or webFIRE			
						5. Other	Include documentation		
СО						EC. Engr Calc	Include documentation		
						LS. Landfill Spdsht	Include documentation		
LEAD						TK. TANKS Program	Supply TANKS output Complete Form 2.3		
HADe						2.3. VOC Mass Bal	<u>'</u>		
HAPs						2.4. Liquid Loading 2.7. Haul Road	Complete Form 2.4 Complete Form 2.7		
PM2.5 FIL *	5	0.0212	No Control	0.00	1.00	2.8. Storage Pile	Complete Form 2.8		
FIVIZ.3 FIL "	5	0.0213	INO CONTROL	0.00	1.00	2.8. Storage Pile 2.T. HAP Worksheet	Complete Form 2.T		
NH3						2.9. Stack Test/CEM	Complete Form 2.9		
14113						2.0L. Landfill	Complete Form 2.0L		
PM CON*						* If PM CON is reporte are required and sh	d, PM10 and PM25 entries above ould represent only the filterable and filterable PM25.		

NEW MADRID POW	/ER PL	ANT MARSTON		FIPS COUNTY NO. 143	PLANT NO. 0004	YEAR OF DATA 2014		
1. STORAGE PILE INF	ORMA	TION						
EMISSION UNIT NO. EP-12	SOURCE C	LASSIFICATION CODE (SCC) 30501110	SEG. NO.	TYPE OF MATERIAL STORED Fly ash and bottom ash				
MOISTURE CONTENT (%)	MOISTURE CONTENT (%) $0.70 \label{eq:content} $ (DEFAULT = $0.7^{\rm c}$				0.00			
SILT CONTENT (%)		1.60	FAULT = 1.6%)	RAW MATERIAL LOADING METH (CHECK ONE):	(CHECK C	ERIAL UNLOADING METHOD NE):		
STORAGE DURATION (DAYS)		365		□ Rail ➤ Truck	□ Ra ⊠ Tro			
ANNUAL AMOUNT STORED (TO	ONS)	35,750.799		Conveyor Other (specify)	Псс	nveyor her (specify)		
MAXIMUM HOURLY AMOUNT S	•	ons) 35,750.7996		ШОшег (specify)		ner (specify)		
2. OTHER FACTORS A	AFFECT	TING EMISSION RATES						
MEAN WIND SPEED (MPH)		10.0	ULT = 10 MPH)	% OF TIME WIND > 12 MPH	32.0	(DEFAULT = 32%)		
DRY DAYS PER YEAR		260	.T = 260 DAYS)	VEHICLE ACTIVITY FACTOR				
3. STORAGE PILE EM	ISSION	FACTOR CALCULATIONS						
CALCULATION			FO	RMULA		RESULT		
[3-A-1] Load In - Load O Component (lb./ton)	out	0.0032 x .35 x (Mean wind speed) /	5)^1.3 / (Mo	isture content % / 2)^1.4		0.012		
[3-A-2] Vehicle Activity Comp (lb./ton)	oonent	0.05 x (Silt content % / 1.5) x (Dry da	ays per year	· / 235) x Vehicle Activity Fa	ctor	0.05900709		
[3-A-3] Activity PM10 Emission Factor (lb./ton) [3-A-1] Load In - Load Out Component + [3-A-2] Vehic				Vehicle Activity Componen	t	0.07100709		
[3-B] Wind Erosion PM Emission Facto (lb./acre-yr.)		0.85 x (Silt content % / 1.5) x (Storag 12 MPH / 15)	ge duration	(Days)) x (Dry days per yea	r / 235) x (% of time wind	781.09654846		

If you use a Source Classification Code and emission factor from the list in the instructions for this form, make sure to complete Section 1, Storage

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Pile Information for each storage pile.

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA
NEW MADRI	D POWER PLA	ANT MARSTON	I		143	0004	2014
1. EMISSION	UNIT IDENTIFIC	ATION					
EMISSION UNIT NO. EP-14	EMISSION UNIT DE	SCRIPTION		Truck load-ir	n of bottom ash		
2. EMISSION	PROCESS DETA	AIL.					
SEG. NO.		CATION CODE (SCC)		SCC DES	CRIPTION		
1		305011	10		Ti	ruck load-in of botto	m ash
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	Yes	No IF YES, C	OMPLETE FORM 2.0S STACK/	VENT INFORMATION
ARE THE EMISSION:	S FROM THIS UNIT FUG	ITIVE?	Yes No	IF FUGITI	VE, WHAT PERCENTAG	E?	100.00
3. OPERATING	G RATE/SCHED	ULE		•		4. ANNUAL FUEL C	HARACTERISTICS
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)	5.00	For coal or fuel oil, lis	st details below
C	0.00	тс	ONS	MAR-MAY (%)	5.00	Heat Content (BTU/Fuel Unit)	
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)	
					5.00		0.00
24.00	7.00	52	8,736.00	SEPT-NOV (%)	5.00	SULFUR % (INCLUDE IN EF)	0.00
5. EMISSION	CALCULATIONS	5				•	
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	Annual Throughput x Emission Factor x (1-Overall Control Eff/100) ÷ 2000	
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference	missions (tons)
PM10 FIL *	4 - 13.2.4	0.0008	No Control	0.00	0.00	SOURCE OF EN	IISSION FACTOR LIST
SOx						1. CEM	Include documentation
						2. Stack Test	Include documentation
NOx						3. Mass Balance	Include documentation
						4. AP-42	Include reference
VOC						4F. FIRE or webFIRE	
						5. Other	Include documentation
СО						EC. Engr Calc	Include documentation
						LS. Landfill Spdsht	Include documentation
LEAD						TK. TANKS Program	Supply TANKS output Complete Form 2.3
						2.3. VOC Mass Bal	·
HAPs						2.4. Liquid Loading	Complete Form 2.4 Complete Form 2.7
DMO F FU	F	0.0000	No Control	0.00	0.00	2.7. Haul Road	Complete Form 2.8
PM2.5 FIL *	5	0.0002	No Control	0.00	0.00	2.8. Storage Pile 2.T. HAP Worksheet	Complete Form 2.7
NUIO						2.1. HAP Worksheet 2.9. Stack Test/CEM	Complete Form 2.9
NH3						2.9. Stack Test/CEIVI	Complete Form 2.0L
PM CON*						* If PM CON is reporte are required and sho	nd, PM10 and PM25 entries above puld represent only the filterable and filterable PM25.

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO. YEAR OF DATA		
NEW MADRI	D POWER PLA	ANT MARSTON	I		143	0004	2014	
1. EMISSION	UNIT IDENTIFIC	ATION						
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION						
EP-15				Truck load-ou	it of bottom ash	n		
2. EMISSION	PROCESS DETA	\IL						
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION			
1		305011	10		Tre	uck load-out of botto	om ash	
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	Yes	No IF YES, C	COMPLETE FORM 2.0S STACK/	VENT INFORMATION	
ARE THE EMISSIONS FROM THIS UNIT FUGITIVE? X Yes No IF FUGITIVE, WHAT PERCENTAGE? 100.00								
3. OPERATING	G RATE/SCHED	ULE				4. ANNUAL FUEL C	HARACTERISTICS	
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)	5.00	For coal or fuel oil, lis	st details below	
С	0.00	тс	ONS	MAR-MAY (%)	5.00	Heat Content (BTU/Fuel Unit)		
LIQUIDS/DAY	DAYS/WEEK	MEEKONEAD	TOTAL HOURS/YEAR		-	ACLLO/ (INCLUDE IN EE)		
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	` '	5.00	ASH % (INCLUDE IN EF)	0.00	
24.00	7.00	52	8,736.00	SEPT-NOV (%)	5.00	SULFUR % (INCLUDE IN EF)	0.00	
		<u> </u>	<u> </u>	20		<u> </u>	0.00	
	CALCULATIONS				_	-		
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	Annual Throughput x Emission Factor x (1-Overall Control Eff/100) ÷ 2000		
Instructions:	0		WEE: 1.1	0 1: :: (!!		+	missions (tons)	
manuchons.	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference		
PM10 FIL *	28	0.0710	No Control	0.00	0.00	SOURCE OF EM	MISSION FACTOR LIST	
SOx						1. CEM	Include documentation	
						2. Stack Test	Include documentation	
NOx						3. Mass Balance	Include documentation	
						4. AP-42	Include reference	
VOC						4F. FIRE or webFIRE		
						5. Other	Include documentation	
СО						EC. Engr Calc	Include documentation	
						LS. Landfill Spdsht	Include documentation	
LEAD						TK. TANKS Program	Supply TANKS output	
						2.3. VOC Mass Bal	Complete Form 2.3	
HAPs						2.4. Liquid Loading	Complete Form 2.4 Complete Form 2.7	
DM2 F FIL *	5	0.0407	No Control	0.00	0.00	2.7. Haul Road	Complete Form 2.8	
PM2.5 FIL *	ວ	0.0107	No Control	0.00	0.00	2.8. Storage Pile 2.T. HAP Worksheet	Complete Form 2.T	
NH3						2.9. Stack Test/CEM	Complete Form 2.9	
ипэ						2.9. Stack Test/CLIVI	Complete Form 2.0L	
PM CON*						* If PM CON is reporte are required and sh	det, PM10 and PM25 entries above ould represent only the filterable and filterable PM25.	

FACILITY NAME NEW MADRID POW	EILITY NAME EW MADRID POWER PLANT MARSTON				PLANT NO. 0004	YEAR OF DATA 2014			
1. STORAGE PILE INF	FORMAT	TON							
EMISSION UNIT NO. EP-15	SOURCE CL	ASSIFICATION CODE (SCC) 30501110	SEG. NO.	TYPE OF MATERIAL STORED Bottom ash					
MOISTURE CONTENT (%)		0.70	(DEFAULT = 0.7%	AREA OF STORAGE PILE (ACRES) 0.00					
SILT CONTENT (%)		1.60	(DEFAULT = 1.6%	RAW MATERIAL LOADING ME (CHECK ONE):	ERIAL UNLOADING METHOD NE):				
STORAGE DURATION (DAYS) 365				Rail Truck	□ Ra ⊠ Tru				
ANNUAL AMOUNT STORED (TONS) 0.000				Conveyor	□с₀	nveyor			
MAXIMUM HOURLY AMOUNT	STORED (TO	0.0000		Other (specify)					
2. OTHER FACTORS	AFFECT	ING EMISSION RATES							
MEAN WIND SPEED (MPH)		10.0	(DEFAULT = 10 MPH	% OF TIME WIND > 12 MPH	32.0	(DEFAULT = 32%)			
DRY DAYS PER YEAR		260	(DEFAULT = 260 DAYS	VEHICLE ACTIVITY FACTOR	1.000	(DEFAULT = 1.0)			
3. STORAGE PILE EM	IISSION	FACTOR CALCULATION							
CALCULATION	1		FC	ORMULA		RESULT			
[3-A-1] Load In - Load C Component (lb./ton)	Out	0.0032 x .35 x (Mean wind sp	peed) / 5)^1.3 / (Mo	pisture content % / 2)^1.4		0.012			
[3-A-2] Vehicle Activity Com (lb./ton)	ponent	0.05 x (Silt content % / 1.5) x	(Dry days per yea	r / 235) x Vehicle Activity F	actor	0.05900709			
[3-A-3] Activity PM10 Emission Facto (lb./ton)		[3-A-1] Load In - Load Out Co	omponent + [3-A-2] Vehicle Activity Compone	nt	0.07100709			
[3-B] Wind Erosion PM Emission Facto (lb./acre-yr.)		0.85 x (Silt content % / 1.5) x 12 MPH / 15)	(Storage duration	(Days)) x (Dry days per ye	ar / 235) x (% of time wind	> 781.09654846			

If you use a Source Classification Code and emission factor from the list in the instructions for this form, make sure to complete Section 1, Storage

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Pile Information for each storage pile.

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA					
NEW MADRI	D POWER PLA	ANT MARSTON	I		143	0004	2014					
4 =14001011	INIT IDENTIFIC	4=1011										
1. EMISSION OF THE PROPERTY OF	EMISSION UNIT DE											
	EMISSION UNIT DE	SCRIPTION		004	LDUE							
FE-01				COA	L PILE							
	PROCESS DETA											
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC								
1		305010)43		Open St	torage Pile: Coal (W	/ind Erosion)					
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	Yes	No IF YES, C	OMPLETE FORM 2.0S STACK/	VENT INFORMATION					
ARE THE EMISSION	S FROM THIS UNIT FUG	ITIVE?	Yes No	IF FUGITIV	/E, WHAT PERCENTAG	E?	100.00					
3. OPERATING	OPERATING RATE/SCHEDULE 4. ANNUAL FUEL CHARACTERISTICS											
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)	5.00	For coal or fuel oil, lis	st details below					
30	6.41	AC	RES	MAR-MAY (%)	5.00	Heat Content (BTU/Fuel Unit)						
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)								
				25	25.00 0.00							
24.00	7.00	52	8,736.00	SEPT-NOV (%)								
				25.00 0.00								
5. EMISSION	5. EMISSION CALCULATIONS											
AIR	1.	2.	3.	4.	5.	Annua	l Throughput					
POLLUTANT	SOURCE OF EMISSION FACTOR	EMISSION FACTOR	EMISSION FACTOR(EF) CONTROL STATUS	OVERALL CONTROL EFFICIENCY (% FORMAT)	ACTUAL EMISSIONS (TONS/YR)	TUAL x Emission Factor SSIONS x (4.0) years Control Eff(400)						
						= Actual E	missions (tons)					
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference						
PM10 FIL *	28	781.0965	No Control	50.00	7.11	SOURCE OF EM	MISSION FACTOR LIST					
SOx						1. CEM	Include documentation					
						2. Stack Test	Include documentation					
NOx						3. Mass Balance	Include documentation					
						4. AP-42	Include reference					
VOC						4F. FIRE or webFIRE						
						5. Other	Include documentation					
СО						EC. Engr Calc	Include documentation					
						LS. Landfill Spdsht	Include documentation					
LEAD						TK. TANKS Program	Supply TANKS output Complete Form 2.3					
1/45						2.3. VOC Mass Bal	<u>'</u>					
HAPs						2.4. Liquid Loading	Complete Form 2.4 Complete Form 2.7					
DM2 F FIL *	5	117 1650	No Control	E0.00	4.07	2.7. Haul Road	Complete Form 2.8					
PM2.5 FIL *	ວ	117.1650	No Control	50.00	1.07	2.8. Storage Pile 2.T. HAP Worksheet	Complete Form 2.T					
NH3						2.1. HAP Worksheet 2.9. Stack Test/CEM	Complete Form 2.9					
NUS						2.9. Stack Test/CLIVI	Complete Form 2.0L					
PM CON*						* If PM CON is reporte are required and sh	d, PM10 and PM25 entries above ould represent only the filterable and filterable PM25.					

NEW MADRID POW	ACILITY NAME NEW MADRID POWER PLANT MARSTON			FIPS COUNTY NO. 143	PLANT NO. 0004	YEAR OF DATA 2014			
1. STORAGE PILE INF	FORMA	TION							
EMISSION UNIT NO. S	SOURCE C	LASSIFICATION CODE (SCC) 30501043	SEG. NO.	TYPE OF MATERIAL STORED COAL					
MOISTURE CONTENT (%)		0.70	FAULT = 0.7%)	AREA OF STORAGE PILE (ACRES) 0.00					
SILT CONTENT (%) 1.60 (DEFAULT = 1.6%)				RAW MATERIAL LOADING METH (CHECK ONE): Barge	(CHECK C	ERIAL UNLOADING METHOD NE):			
STORAGE DURATION (DAYS)		365		□ Rail □ Truck	□ Ra	ail uck			
ANNUAL AMOUNT STORED (T		9,295,033.000		Conveyor	⊠co	onveyor			
MAXIMUM HOURLY AMOUNT S		ons) 856,884.0000			X Other (specify) SCRAPERS, DOZER Other (specify)				
2. OTHER FACTORS	AFFEC	TING EMISSION RATES							
MEAN WIND SPEED (MPH)		10.0	ULT = 10 MPH)	% OF TIME WIND > 12 MPH	32.0	(DEFAULT = 32%)			
DRY DAYS PER YEAR		260	_T = 260 DAYS)	VEHICLE ACTIVITY FACTOR	1.000	(DEFAULT = 1.0)			
3. STORAGE PILE EM	IISSION	FACTOR CALCULATIONS	,			,			
CALCULATION	1		FC	FORMULA RESULT					
[3-A-1] Load In - Load C Component (lb./ton)	Out	0.0032 x .35 x (Mean wind speed) /	5)^1.3 / (Mo	isture content % / 2)^1.4		0.012			
[3-A-2] Vehicle Activity Com _l (lb./ton)	ponent	0.05 x (Silt content % / 1.5) x (Dry da	ays per yeaı	r / 235) x Vehicle Activity Fa	ctor	0.05900709			
[3-A-3] Activity PM10 Emission Factor (lb./ton) [3-A-1] Load In - Load Out Component + [3-A-2]				Vehicle Activity Componen	t	0.07100709			
[3-B] Wind Erosion PM Emission Facto (lb./acre-yr.)		0.85 x (Silt content % / 1.5) x (Storag 12 MPH / 15)	ge duration	(Days)) x (Dry days per yea	r / 235) x (% of time wind	781.09654846			

If you use a Source Classification Code and emission factor from the list in the instructions for this form, make sure to complete Section 1, Storage

MO 780-1446 (12-09)

Pile Information for each storage pile.

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA					
NEW MADRI	D POWER PLA	ANT MARSTON			143	0004	2014					
1. EMISSION	UNIT IDENTIFIC	ATION										
EMISSION UNIT NO.	EMISSION UNIT DE											
FE-01				COA	L PILE							
2. EMISSION	PROCESS DETA	\IL										
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION							
2		305020	07		Oper	n Storage Pile: Coal	(Activity)					
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	Yes	No IF YES, C	OMPLETE FORM 2.0S STACK/	VENT INFORMATION					
ARE THE EMISSION	S FROM THIS UNIT FUG	SITIVE?	Yes No	IF FUGITI\	/E, WHAT PERCENTAG	E?	100.00					
3. OPERATIN	PERATING RATE/SCHEDULE 4. ANNUAL FUEL CHARACTERISTICS											
ANNUAL THROUGHI	PUT	UNITS		DEC-FEB (%)	5.00	For coal or fuel oil, lis	st details below					
8,732	2,218.00	тс	DNS	MAR-MAY (%)	5.00	Heat Content (BTU/Fuel Unit)						
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)						
				25	5.00		0.00					
12.00	3.50	22	924.00	SEPT-NOV (%)		SULFUR % (INCLUDE IN EF)						
	25.00 0.00											
5. EMISSION	5. EMISSION CALCULATIONS											
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	EMISSIONS (TONS/YR) x (1-Overall Control Eff/100 ÷ 2000							
Instructions:	Choose from the	Lbs./unit of throughput	If EF includes control	Combination of all	If controlled, include	List Other Worksheets or	missions (tons)					
	Source of Emission Factor list at lower right	Ebs./drift of throughput	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	AP-42/Other Reference						
PM10 FIL *	28	0.0167	No Control	50.00	36.50	SOURCE OF EM	MISSION FACTOR LIST					
SOx						1. CEM	Include documentation					
						2. Stack Test	Include documentation					
NOx						3. Mass Balance	Include documentation					
						4. AP-42	Include reference					
VOC						4F. FIRE or webFIRE						
						5. Other	Include documentation					
co						EC. Engr Calc	Include documentation					
						LS. Landfill Spdsht	Include documentation					
LEAD						TK. TANKS Program	Supply TANKS output					
						2.3. VOC Mass Bal	Complete Form 2.3					
HAPs						2.4. Liquid Loading	Complete Form 2.4					
		0.0555				2.7. Haul Road	Complete Form 2.7					
PM2.5 FIL *	5	0.0025	No Control	50.00	5.46	2.8. Storage Pile	Complete Form 2.8 Complete Form 2.T					
hc						2.T. HAP Worksheet	<u> </u>					
NH3						2.9. Stack Test/CEM	Complete Form 2.9 Complete Form 2.0L					
DM CON*						2.0L. Landfill * If PM CON is reported.	ed, PM10 and PM25 entries above					
PM CON*						are required and sh	ould represent only the filterable and filterable PM25.					

NEW MADRID POW	ER PL	ANT MARSTON		FIPS COUNTY NO. 143	PLANT NO. 0004	YEAR OF DATA 2014			
1. STORAGE PILE INF	ORMA	TION							
EMISSION UNIT NO. S	SOURCE C	LASSIFICATION CODE (SCC) 30502007	SEG. NO.	TYPE OF MATERIAL STORED COAL & COKE					
MOISTURE CONTENT (%)		0.70	FAULT = 0.7%)	AREA OF STORAGE PILE (ACRE	0.00				
SILT CONTENT (%)		1.60	FAULT = 1.6%)	RAW MATERIAL LOADING METHOD (CHECK ONE): RAW MATERIAL UNLOADING METHOD (CHECK ONE):					
STORAGE DURATION (DAYS)		365		□ Rail □ Truck	□ Ra	iil uck			
ANNUAL AMOUNT STORED (TO		9,295,033.000		Conveyor	⊠co	onveyor			
MAXIMUM HOURLY AMOUNT S	•	ons) 356,884.0000		✓ Other (specify) SCRAPERS, DOZER Other (specify)					
2. OTHER FACTORS A	AFFECT	TING EMISSION RATES							
MEAN WIND SPEED (MPH)		10.0	ULT = 10 MPH)	% OF TIME WIND > 12 MPH	32.0	(DEFAULT = 32%)			
DRY DAYS PER YEAR		260	T = 260 DAYS)	VEHICLE ACTIVITY FACTOR	0.080	(DEFAULT = 1.0)			
3. STORAGE PILE EMI	ISSION	FACTOR CALCULATIONS	,			,			
CALCULATION			FO	FORMULA RESULT					
[3-A-1] Load In - Load Oo Component (lb./ton)	ut	0.0032 x .35 x (Mean wind speed) /	5)^1.3 / (Mo	isture content % / 2)^1.4		0.012			
[3-A-2] Vehicle Activity Comp (lb./ton)	oonent	0.05 x (Silt content % / 1.5) x (Dry da	ays per year	· / 235) x Vehicle Activity Fa	ctor	0.00472057			
[3-A-3] Activity PM10 Emission Factor (lb./ton) [3-A-1] Load In - Load Out Component + [3-A-2]				Vehicle Activity Componen	t	0.01672057			
[3-B] Wind Erosion PM ⁻ Emission Factor (lb./acre-yr.)		0.85 x (Silt content % / 1.5) x (Storag 12 MPH / 15)	ge duration	(Days)) x (Dry days per yea	r / 235) x (% of time wind	781.09654846			

If you use a Source Classification Code and emission factor from the list in the instructions for this form, make sure to complete Section 1, Storage

MO 780-1446 (12-09)

Pile Information for each storage pile.

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA				
NEW MADRI	D POWER PLA	ANT MARSTON			143	0004	2014				
1 FMISSION	UNIT IDENTIFICA	ATION									
EMISSION UNIT NO.	EMISSION UNIT DE										
FE-02				HAUL	ROAD						
2. EMISSION	PROCESS DETA	AIL.									
SEG. NO.		CATION CODE (SCC)		SCC DESC	CRIPTION						
1		305020	11			Hauling					
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	Yes	X No IF YES, C	OMPLETE FORM 2.0S STACK	VENT INFORMATION				
ARE THE EMISSION:	S FROM THIS UNIT FUG	ITIVE?	Yes No	IF FUGITIV	/E, WHAT PERCENTAG	E?	100.00				
3. OPERATING	G RATE/SCHED	ULE				4. ANNUAL FUEL C	CHARACTERISTICS				
ANNUAL THROUGH											
				27	7.88						
2.3	29.95	МІ	LES	MAR-MAY (%)		Heat Content (BTU/Fuel Unit)					
,-				22	2.61						
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)					
				27	7.55		0.00				
24.00	7.00	52	8,736.00	SEPT-NOV (%)		SULFUR % (INCLUDE IN EF)					
				21	.96		0.00				
5. EMISSION	5. EMISSION CALCULATIONS										
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL	4. OVERALL CONTROL EFFICIENCY	5. ACTUAL EMISSIONS (TONS/YR)	x (1-Overall Control Eff/100)					
			STATUS	(% FORMAT)			÷ 2000				
						= Actual E	imissions (tons)				
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference					
PM10 FIL *	27	1.9909	No Control	50.00	1.16	SOURCE OF EM	MISSION FACTOR LIST				
SOx						1. CEM	Include documentation				
						2. Stack Test	Include documentation				
NOx						3. Mass Balance	Include documentation				
						4. AP-42	Include reference				
VOC						4F. FIRE or webFIRE					
						5. Other	Include documentation				
СО						EC. Engr Calc	Include documentation				
						LS. Landfill Spdsht	Include documentation				
LEAD						TK. TANKS Program	Supply TANKS output Complete Form 2.3				
UAD-						2.3. VOC Mass Bal	Complete Form 2.4				
HAPs						2.4. Liquid Loading 2.7. Haul Road	Complete Form 2.4 Complete Form 2.7				
PM2.5 FIL *	27	0.1991	No Control	50.00	0.12	2.8. Storage Pile	Complete Form 2.8				
I IVIZ.J FIL	۷.	0.1331	INO CONTION	30.00	0.1∠	2.T. HAP Worksheet	Complete Form 2.T				
NH3						2.9. Stack Test/CEM	Complete Form 2.9				
14113						2.0L. Landfill	Complete Form 2.0L				
PM CON*						are required and sh	ed, PM10 and PM25 entries above lould represent only the filterable and filterable PM25.				

FACILITY NAME NEW MADRID F	OWER PLANT MA	RSTON		FIPS COUNTY NO.		PLANT NO. 0004	YEAR OF DATA 2014	
INSTRUCTIONS								
This worksheet	If the sum of all Vehic should be marked as			facility is less t	han 100, th	nis form is not necess	ary and the emission unit	
is optional			the same as last year a nter the current annual \				d (AP-42, Section 13.2.2,	
Do not calculate a the emission facto		ctor for eac	ch vehicle class. Use th	e weighted av	erage for th	ne entire fleet traveling	g the haul road to calculate	
1. HAUL ROAD IN	IFORMATION							
EMISSION UNIT NO.	E-02	SOURCE CL	ASSIFICATION CODE (SCC) 30502011	SEG. NO.	Type of D	Oust Control	Control Efficiency	
LENGTH OF ROAD (MILE	S): IF ONE-WAY, DIVIDE BY 2				Pave	ed with Washing	95%	
		0.2500			Pave	ed	90%	
SILT CONTENT (%) (DEF	AULT = 8.3%)		SURFACE MATERIAL OF ROA	D	Surfa	actant Spray	90%	
	8.300		CRUSHED RO	CK SLAG	Wate	er Spray Documented	90%	
DAYS OF RAIN WITH AT			× Wate		50%			
		105				r - Specify		
					□ No C		0%	
2. HAUL TRUCK	INFORMATION							
MAKE/MODEL				UNLOADED TRU	CK WEIGHT (TC	NS) - WEIGHTED AVERAGE F	OR FLEET	
	TRUC	K		15.00				
AVERAGE WEIGHT OF M	MATERIAL PER LOAD (TONS)	•		AVERAGE LOADED WEIGHT (TONS) - WEIGHTED AVERAGE FOR FLEET				
	20.00	0		35.00				
3. MATERIAL HA				ī				
TYPE OF MATERIALS HA	SLAG, FL	VVGH		ANNUAL AMOUN	T HAULED (TON	93,198.0000		
						93,198.0000		
ANNUAL VMT	I OF ANNUAL VEHIC	LE MILES	TRAVELED		2.	· (warred amount bouled)	
ANNOAL VIII		Annual VMT	= 2)	(Average weight of	nnual amount hauled) material per load)			
5. CALCULATION	OF HAUL ROAD UN	NCONTRO	LLED EMISSION FACT	ΓOR				
PM2.5 EMISSIO FACTOR	Unloaded truck weight + Loade	ed truck weight (to	ns)) / 6] ^ 0.45	i x [(365 - Days of Rain) / 36	5] PM2.5 EMISSION FACTOR 0.19			
PM10 EMISSIO FACTOR	N 1.5 x [Silt Content % /	12] ^ 0.9 x [(U	nloaded truck weight + Loaded	aded truck weight (tons)) / 6] ^ 0.45 x [(365 - Days of Rain) / 365] PM10 EMISSION FACTO 1.99				

MO 780-1445 (12-09)

FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA					
NEW MADRI	D POWER PLA	ANT MARSTON	1		143	0004 2014						
1 EMISSION I	UNIT IDENTIFIC	ATION										
EMISSION UNIT NO.	EMISSION UNIT DE											
FE-03	Emission start be	Som non		ASH UN	ILOADING							
	PROCESS DETA	\II		7.01.01.	.20, 131110							
SEG. NO.	_	CATION CODE (SCC)		SCC DESC	CRIPTION							
1	0001102 02 10011 1	305010	ıns			ading at Pond (Alt.	On Scenario)					
-	FDOM THUS EMISSION	UNIT FLOW THROUGH				OMPLETE FORM 2.0S STACK/	, ,					
DO THE EMISSIONS	FROW THIS EWISSION	UNIT FLOW THROUGH	A STACK OR VENT?	Yes	No IF YES, C	OWFLETE FORW 2.03 STACK	VENT INFORMATION					
ARE THE EMISSION	S FROM THIS UNIT FUG	ITIVE?	Yes No	IF FUGITIV	/E, WHAT PERCENTAG	E?	100.00					
3. OPERATING	G RATE/SCHED	ULE				4. ANNUAL FUEL C	HARACTERISTICS					
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)		For coal or fuel oil, lis	st details below					
				27	7.88							
6,9	43.66	TC	DNS	MAR-MAY (%)	2.61	Heat Content (BTU/Fuel Unit)						
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)						
HOOKODAT	DATO/WEEK	WEEKO/TEAK	TOTAL HOURO, TLAK	` '	7.55	AOT 70 (INOCODE IN ET)	0.00					
24.00	7.00	44	7,392.00	SEPT-NOV (%)								
			,	21	.96		0.00					
5. EMISSION	5. EMISSION CALCULATIONS											
AIR	1.	2.	3.	4.	5.	Annua	l Throughput					
POLLUTANT	SOURCE OF EMISSION FACTOR	EMISSION FACTOR	EMISSION FACTOR(EF) CONTROL STATUS	OVERALL CONTROL EFFICIENCY (% FORMAT)	ERALL ACTUAL X Emission Factor NTROL EMISSIONS CIENCY (TONS/YR) X (1-Overall Control Eff/10							
						= Actual E	missions (tons)					
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference						
PM10 FIL *	4F	0.0060	No Control	50.00	0.01	SOURCE OF EM	IISSION FACTOR LIST					
SOx						1. CEM	Include documentation					
						2. Stack Test	Include documentation					
NOx						3. Mass Balance	Include documentation					
						4. AP-42	Include reference					
VOC						4F. FIRE or webFIRE						
						5. Other	Include documentation					
СО						EC. Engr Calc	Include documentation					
						LS. Landfill Spdsht	Include documentation					
LEAD						TK. TANKS Program	Supply TANKS output Complete Form 2.3					
UAD-						2.3. VOC Mass Bal	Complete Form 2.4					
HAPs						2.4. Liquid Loading 2.7. Haul Road	Complete Form 2.7					
PM2.5 FIL *	5	0.0018	No Control	50.00	0.00	2.8. Storage Pile	Complete Form 2.8					
FIVIZ.5 FIL	3	0.0016	INO CONTION	50.00	0.00	2.7. HAP Worksheet	Complete Form 2.T					
NH3						2.9. Stack Test/CEM	Complete Form 2.9					
14115						2.0L. Landfill	Complete Form 2.0L					
PM CON*						are required and she	ed, PM10 and PM25 entries above ould represent only the filterable and filterable PM25.					

FACILITY NAME				FIPS COL	NTY NO.	PLANT NO.	YEAR OF DATA				
NEW MADRI	D POWER PLA	ANT MARSTON	l		143	0004	2014				
1 FMISSION	UNIT IDENTIFIC	ATION									
EMISSION UNIT NO.	EMISSION UNIT DE										
FE-04			Pav	red haul road to	andfill (fly ash	n only)					
2. EMISSION	PROCESS DETA	VIL.									
SEG. NO.		CATION CODE (SCC)		SCC DES	CRIPTION						
1		305010	24		Paved h	naul road to landfill (fly ash only)				
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	Yes	X No IF YES, C	COMPLETE FORM 2.0S STACK/	VENT INFORMATION				
ARE THE EMISSION	S FROM THIS UNIT FUG	ITIVE?	Yes No	IF FUGITI	VE, WHAT PERCENTAG	E?	100.00				
3 OPERATING	G RATE/SCHED	III E				4. ANNUAL FUEL C	HARACTERISTICS				
	NNUAL THROUGHPUT UNITS DEC-FEB (%) For coal or fuel oil, list details below										
				, ,	3.09	Tor coar or ruer on, in	st details below				
76	3.48	М	LES	MAR-MAY (%)		Heat Content (BTU/Fuel Unit)					
		1		28	28.13						
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%) ASH % (INCLUDE IN EF)							
				17.46 NaN							
24.00	7.00	52	8,736.00	SEPT-NOV (%)	SEPT-NOV (%) SULFUR % (INCLUDE IN EF)						
				16.32 0.00							
5. EMISSION CALCULATIONS											
AIR	1.	1. 2. 3. 4. 5. Annual Throughput									
POLLUTANT	SOURCE OF EMISSION FACTOR	EMISSION FACTOR	EMISSION FACTOR(EF) CONTROL STATUS	OVERALL CONTROL EFFICIENCY (% FORMAT)	ACTUAL EMISSIONS (TONS/YR)	ACTUAL x Emission Factor MISSIONS x (1-Overall Central Eff/100)					
						= Actual E	missions (tons)				
Instructions:	Choose from the Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference					
PM10 FIL *	27	0.0955	No Control	0.00	0.04	SOURCE OF EM	MISSION FACTOR LIST				
SOx						1. CEM	Include documentation				
						2. Stack Test	Include documentation				
NOx						3. Mass Balance	Include documentation				
						4. AP-42	Include reference				
VOC						4F. FIRE or webFIRE					
						5. Other	Include documentation				
СО						EC. Engr Calc	Include documentation				
						LS. Landfill Spdsht	Include documentation				
LEAD						TK. TANKS Program	Supply TANKS output				
						2.3. VOC Mass Bal	Complete Form 2.3				
HAPs						2.4. Liquid Loading	Complete Form 2.4 Complete Form 2.7				
DMC 5 5" ±	07	0.0005	No Cartes	0.00	0.00	2.7. Haul Road	Complete Form 2.8				
PM2.5 FIL *	27	0.0095	No Control	0.00	0.00	2.8. Storage Pile 2.T. HAP Worksheet	Complete Form 2.8 Complete Form 2.T				
NUIO						2.1. HAP Worksneet 2.9. Stack Test/CEM	Complete Form 2.9				
NH3						2.9. Stack Test/CEIVI	Complete Form 2.0L				
PM CON*						* If PM CON is reporte are required and sho	d, PM10 and PM25 entries above buld represent only the filterable and filterable PM25.				

FACILITY NAME NEW MADRID P	OWER PLANT MA	RSTON		FIPS COUNTY NO. 143		PLANT NO. 0004	YEAR OF DATA 2014		
INCTRUCTIONS									
INSTRUCTIONS									
This worksheet	If the sum of all Vehic should be marked as			acility is less	than 100,	this form is not necess	ary and the emission unit		
				and the updated emission factor equation is used (AP-42, Section 13.2.2, VMT as the throughput on Form 2.0.					
Do not calculate a the emission factor	•	ctor for eac	th vehicle class. Use the	e weighted a	verage for	the entire fleet traveling	g the haul road to calculate		
1. HAUL ROAD IN	FORMATION								
EMISSION UNIT NO.	E-04	SOURCE CL	ASSIFICATION CODE (SCC) 30501024	SEG. NO.	Type of	Dust Control	Control Efficiency		
LENGTH OF ROAD (MILE	S): IF ONE-WAY, DIVIDE BY 2			I	Pav	ed with Washing	95%		
		0.1520			Pav	ved	90%		
SILT CONTENT (%) (DEF	AULT = 8.3%)		SURFACE MATERIAL OF ROAL)	Sur	factant Spray	90%		
	0.200		Paved		☐Wa	ter Spray Documented	90%		
DAYS OF RAIN WITH AT	LEAST 0.01" PER YEAR (DEFA	(ULT = 105)			☐ Wa	ter Spray	50%		
		115			Oth	er - Specify			
					× No	Controls	0%		
2. HAUL TRUCK I	NFORMATION								
MAKE/MODEL				UNLOADED TRU	JCK WEIGHT (1	ONS) - WEIGHTED AVERAGE F	OR FLEET		
	Catepil	lar		35.00					
AVERAGE WEIGHT OF M	ATERIAL PER LOAD (TONS)	_		AVERAGE LOADED WEIGHT (TONS) - WEIGHTED AVERAGE FOR FLEET					
	40.00	0		75.00					
3. MATERIAL HAU	JLED								
TYPE OF MATERIALS HA				ANNUAL AMOU	NT HAULED (TO				
	fly asl					100,458.3700			
4. CALCULATION	OF ANNUAL VEHIC	LE MILES	TRAVELED						
ANNUAL VMT				Annual VM7	· = 2	x (Length of road) x (A	·		
763.48						(Average weight of	material per load)		
5. CALCULATION	S. CALCULATION OF HAUL ROAD UNCONTROLLED EMISSION FACTOR								
PM2.5 EMISSIOI FACTOR	Unloaded truck weight + Loade	ed truck weight (t	ons)) / 6] ^ 0.4	45 x [(365 - Days of Rain) / 36	PM2.5 EMISSION FACTOR 0.00				
PM10 EMISSION FACTOR	1.5 x [Silt Content % / /	12] ^ 0.9 x [(U	nloaded truck weight + Loaded	ded truck weight (tons)) / 6] ^ 0.45 x [(365 - Days of Rain) / 365] PM10 EMISSION FAI 0.09					

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FACILITY NAME				FIPS COU	NTY NO.	PLANT NO.	YEAR OF DATA					
NEW MADRI	D POWER PLA	ANT MARSTON	l		143	0004	2014					
1. EMISSION	UNIT IDENTIFIC	ATION										
EMISSION UNIT NO.	EMISSION UNIT DE											
FE-05			Unpaved h	aul road to land	dfill (fly ash and	bottom ash)						
2. EMISSION	PROCESS DETA	\IL										
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION							
1		305010	24		Unpaved haul	road to landfill (fly a	sh and bottom ash)					
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	Yes	X No IF YES, C	OMPLETE FORM 2.0S STACK/	VENT INFORMATION					
ARE THE EMISSION	S FROM THIS UNIT FUG	ITIVE?	Yes No	IF FUGITIV	/E, WHAT PERCENTAG	E?	100.00					
3. OPERATIN	G RATE/SCHED	ULE				4. ANNUAL FUEL C	HARACTERISTICS					
ANNUAL THROUGHI	PUT	UNITS		DEC-FEB (%)	3.09	For coal or fuel oil, lis	st details below					
4,8	97.35	MI	LES	MAR-MAY (%)	3.13	Heat Content (BTU/Fuel Unit)						
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)								
				17	0.00							
24.00	7.00	52	8,736.00	SEPT-NOV (%) SULFUR % (INCLUDE IN EF)								
	16.32 0.00											
	EMISSION CALCULATIONS											
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	ACTUAL EMISSIONS (TONS/YR)	SIONS X (1-Overall Control Eff/100) ÷ 2000						
Instructions:	Choose from the	Lbs./unit of throughput	If EF includes control	Combination of all	If controlled, include	List Other Worksheets or	missions (tons)					
	Source of Emission Factor list at lower right	Ebs./uriit of throughput	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	AP-42/Other Reference						
PM10 FIL *	27	1.7610	No Control	50.00	2.16	SOURCE OF EM	MISSION FACTOR LIST					
SOx						1. CEM	Include documentation					
						2. Stack Test	Include documentation					
NOx						3. Mass Balance	Include documentation					
						4. AP-42	Include reference					
VOC						4F. FIRE or webFIRE	Include decumentation					
						5. Other	Include documentation Include documentation					
СО						EC. Engr Calc LS. Landfill Spdsht	Include documentation					
LEAD						TK. TANKS Program	Supply TANKS output					
LEAD						2.3. VOC Mass Bal	Complete Form 2.3					
HAPs						2.4. Liquid Loading	Complete Form 2.4					
						2.7. Haul Road	Complete Form 2.7					
PM2.5 FIL *	27	0.1761	No Control	50.00	0.22	2.8. Storage Pile	Complete Form 2.8					
				-		2.T. HAP Worksheet	Complete Form 2.T					
NH3						2.9. Stack Test/CEM	Complete Form 2.9					
						2.0L. Landfill	Complete Form 2.0L					
PM CON*						are required and sh	ed, PM10 and PM25 entries above ould represent only the filterable and filterable PM25.					

FACILITY NAME NEW MADRID F	POWER PLANT MA		FIPS COUNTY NO. 143		3	PLANT NO. 0004	YEAR	OF DATA 2014	
INSTRUCTIONS									
This worksheet	If the sum of all Vehic should be marked as		aveled, or VMT, at the f nt on Form 1.2.	acility is	less th	nan 100, th	nis form is not necess	sary a	nd the emission unit
is optional				and the updated emission factor equation is used (AP-42, Section 13.2.2, VMT as the throughput on Form 2.0.					
Do not calculate a the emission facto	•	ctor for eac	th vehicle class. Use the	e weight	ed ave	erage for th	ne entire fleet travelin	ng the	haul road to calculate
1. HAUL ROAD IN	FORMATION								
EMISSION UNIT NO.	E-05	source classification code (scc) 30501024					Oust Control		Control Efficiency
LENGTH OF ROAD (MILE	ES): IF ONE-WAY, DIVIDE BY 2	I				Pave	ed with Washing		95%
	0.9750 Paved								90%
SILT CONTENT (%) (DEF	AULT = 8.3%)		SURFACE MATERIAL OF ROAI	D		Surfa	actant Spray		90%
	5.100		Unpave	d		☐ Wate	er Spray Documented	d	90%
DAYS OF RAIN WITH AT	LEAST 0.01" PER YEAR (DEFA	ULT = 105)				× Wate	er Spray		50%
		115				_	er - Specify		
							Controls		0%
2. HAUL TRUCK	INFORMATION								
MAKE/MODEL				UNLOADE	D TRUC	K WEIGHT (TC	NS) - WEIGHTED AVERAGE F	FOR FLE	ET
	Caterpi	llar		35.00					
AVERAGE WEIGHT OF N	MATERIAL PER LOAD (TONS) 40.00	0		AVERAGE LOADED WEIGHT (TONS) - WEIGHTED AVERAGE FOR FLEET 75 00					
		<u> </u>		75.00					
3. MATERIAL HA				ANNI IAI 7	MOLINI	HAULED (TO	us)		
TIPE OF WATERIALS III	fly ash and bo	ttom ash		ANNOAL	AIVIOOIVI	TIAOLLD (TOI	100,458.3700)	
4. CALCULATION	I OF ANNUAL VEHIC	LE MILES	TRAVELED						
ANNUAL VMT				Annual	VMT :	<u>2</u>)	(Length of road) x (/	Annua	al amount hauled)
4,897.34					•		(Average weight of	f mate	rial per load)
5. CALCULATION	OF HAUL ROAD UN	ICONTRO	LLED EMISSION FACT	ΓOR					
PM2.5 EMISSION FACTOR 0.15 x [Silt Content % / 12] ^ 0.9 x [(Unloaded truck weight + Load				ed truck wei	ight (tor	ns)) / 6] ^ 0.45	5 x [(365 - Days of Rain) / 3	865]	PM2.5 EMISSION FACTOR 0.17
PM10 EMISSIO FACTOR	N 1.5 x [Silt Content % / 1	12] ^ 0.9 x [(U	nloaded truck weight + Loaded	ided truck weight (tons)) / 6] ^ 0.45 x [(365 - Days of Rain) / 365]				PM10 EMISSION FACTOR 1.76	

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FACILITY NAME				FIPS COUNTY NO. PLANT NO. YEAR OF DATA					
NEW MADRI	D POWER PLA	ANT MARSTON			143	0004	2014		
1. EMISSION	UNIT IDENTIFIC	ATION							
EMISSION UNIT NO.	EMISSION UNIT DE	SCRIPTION							
FE-06				Landfill Pile	Maintenance				
2. EMISSION	PROCESS DETA	\IL							
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION				
1		305020	07		I	_andfill pile mainten	ance		
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	Yes	No IF YES, C	OMPLETE FORM 2.0S STACK	VENT INFORMATION		
ARE THE EMISSION	S FROM THIS UNIT FUG	SITIVE?	Yes No	IF FUGITIV	/E, WHAT PERCENTAG	E?	100.00		
3. OPERATIN	G RATE/SCHED	ULE				4. ANNUAL FUEL C	CHARACTERISTICS		
ANNUAL THROUGHI	PUT	UNITS		DEC-FEB (%)	3.09	For coal or fuel oil, li	st details below		
93,5	514.71	тс	DNS	MAR-MAY (%)	3.13	Heat Content (BTU/Fuel Unit)			
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)			
				` '	'.46	ĺ	0.00		
24.00	7.00	52	8,736.00	SEPT-NOV (%)		SULFUR % (INCLUDE IN EF)			
				16	5.32		0.00		
5. EMISSION	CALCULATIONS	3							
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	x Emi x (1-Overa	Il Throughput ssion Factor Ill Control Eff/100) ÷ 2000 Emissions (tons)		
Instructions:	Choose from the	Lbs./unit of throughput	If EF includes control	Combination of all	If controlled, include	List Other Worksheets or	11115510115 (10115)		
ou double.	Source of Emission Factor list at lower right	Ebs./driit of throughput	mark "C", otherwise "U"	capture and destruction efficiencies	Form 2.0C Control Device Listing	AP-42/Other Reference			
PM10 FIL *	28	0.0710	No Control	50.00	1.66	SOURCE OF EM	MISSION FACTOR LIST		
SOx						1. CEM	Include documentation		
						2. Stack Test	Include documentation		
NOx						3. Mass Balance	Include documentation		
						4. AP-42	Include reference		
VOC						4F. FIRE or webFIRE			
						5. Other	Include documentation		
CO						EC. Engr Calc	Include documentation		
						LS. Landfill Spdsht	Include documentation		
LEAD						TK. TANKS Program	Supply TANKS output		
						2.3. VOC Mass Bal	Complete Form 2.3		
HAPs						2.4. Liquid Loading	Complete Form 2.4		
						2.7. Haul Road	Complete Form 2.7		
PM2.5 FIL *	5	0.0259	No Control	50.00	0.60	2.8. Storage Pile	Complete Form 2.8		
						2.T. HAP Worksheet	Complete Form 2.T		
NH3						2.9. Stack Test/CEM	Complete Form 2.9 Complete Form 2.0L		
DM CONT						2.0L. Landfill	·		
PM CON*						are required and sh	ed, PM10 and PM25 entries above nould represent only the filterable and filterable PM25.		

FACILITY NAME NEW MADRID POWER PLANT MARSTON				FIPS COUNTY NO. 143	YEAR OF DATA 2014				
1. STORAGE PILE IN									
EMISSION UNIT NO. FE-06	SOURCE C	LASSIFICATION CODE (SCC) 30502007	SEG. NO.	TYPE OF MATERIAL STORED	Fly ash and bottom	ash			
MOISTURE CONTENT (%)				AREA OF STORAGE PILE (ACR	ES)				
		0.70			25.00				
			(DEFAULT = 0.7%)						
SILT CONTENT (%)		1.60	(DEFAULT = 1.6%)	RAW MATERIAL LOADING MET (CHECK ONE): Barge	RAW MATI (CHECK O	,			
STORAGE DURATION (DAYS	S)	365	(DEL AGET = 1.0%)	Rail X Truck	☐ Ra	il			
ANNUAL AMOUNT STORED	(TONS)	35,750.799		Conveyor Other (specify)	□с₀	nveyor ner (specify)			
MAXIMUM HOURLY AMOUN		70NS) 35,750.7990		Cities (specify)		ісі (эресііу)			
2. OTHER FACTORS	AFFEC	TING EMISSION RATES							
MEAN WIND SPEED (MPH)		10.0	DEFAULT = 10 MPH)	% OF TIME WIND > 12 MPH	32.0	(DEFAULT = 32%)			
DRY DAYS PER YEAR 260 (DEFAULT = 10 I				VEHICLE ACTIVITY FACTOR 1.000 YS) (DEFAU					
3 STORAGE PILE E	MISSION	FACTOR CALCULATIONS	- 17.021 - 200 B7.10)			(52171021 - 1.0)			
CALCULATIO			FC	PRMULA		RESULT			
[3-A-1] Load In - Load Component (lb./ton)		0.0032 x .35 x (Mean wind speed	d) / 5)^1.3 / (Mo	isture content % / 2)^1.4		0.012			
[3-A-2] Vehicle Activity Cor (lb./ton)	mponent	0.05 x (Silt content % / 1.5) x (Dr	ry days per year	r / 235) x Vehicle Activity Fa	actor	0.05900709			
[3-A-3] Activity PM1 Emission Fact (lb./ton)		[3-A-1] Load In - Load Out Comp	oonent + [3-A-2]	Vehicle Activity Componer	nt	0.07100709			
[3-B] Wind Erosion P Emission Fact (lb./acre-yr.)	tor	0.85 x (Silt content % / 1.5) x (St 12 MPH / 15)	corage duration	(Days)) x (Dry days per yea	ar / 235) x (% of time wind	> 781.09654846			

If you use a Source Classification Code and emission factor from the list in the instructions for this form, make sure to complete Section 1, Storage

MO 780-1446 (12-09)

Pile Information for each storage pile.

FACILITY NAME				FIPS COUNTY NO. PLANT NO. YEAR OF DATA				
NEW MADRI	D POWER PLA	ANT MARSTON	I		143	0004	2014	
1. EMISSION	UNIT IDENTIFICA	ATION						
EMISSION UNIT NO.	EMISSION UNIT DE							
FE-07				Landfill W	/ind Erosion			
2. EMISSION	PROCESS DETA	\IL						
SEG. NO.	SOURCE CLASSIFI	CATION CODE (SCC)		SCC DESC	CRIPTION			
1		503008	310			Landfill wind erosi	ion	
DO THE EMISSIONS	FROM THIS EMISSION	UNIT FLOW THROUGH	A STACK OR VENT?	Yes	No IF YES, C	OMPLETE FORM 2.0S STACK/	VENT INFORMATION	
ARE THE EMISSION	S FROM THIS UNIT FUG	ITIVE?	Yes No	IF FUGITI\	/E, WHAT PERCENTAG	E?	100.00	
3. OPERATING	G RATE/SCHED	ULE				4. ANNUAL FUEL C	CHARACTERISTICS	
ANNUAL THROUGH	PUT	UNITS		DEC-FEB (%)	5.00	For coal or fuel oil, lis	st details below	
2	5.00	AC	RES	MAR-MAY (%)	5.00	Heat Content (BTU/Fuel Unit)		
HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	TOTAL HOURS/YEAR	JUN-AUG (%)		ASH % (INCLUDE IN EF)		
				` '	5.00	,	0.00	
24.00	7.00	52	8,736.00	SEPT-NOV (%)	5.00	SULFUR % (INCLUDE IN EF)	0.00	
				20	7.00 		0.00	
	CALCULATIONS					Annual Throughput		
AIR POLLUTANT	1. SOURCE OF EMISSION FACTOR	2. EMISSION FACTOR	3. EMISSION FACTOR(EF) CONTROL STATUS	4. OVERALL CONTROL EFFICIENCY (% FORMAT)	5. ACTUAL EMISSIONS (TONS/YR)	x Emis x (1-Overa	ssion Factor II Control Eff/100) ÷ 2000	
Instructions:	Choose from the	I ha /unit of throughout	If FF includes control	Combination of all	If controlled include		missions (tons)	
mondonoris.	Source of Emission Factor list at lower right	Lbs./unit of throughput	If EF includes control mark "C", otherwise "U"	Combination of all capture and destruction efficiencies	If controlled, include Form 2.0C Control Device Listing	List Other Worksheets or AP-42/Other Reference		
PM10 FIL *	28	751.0544	No Control	50.00	4.69	SOURCE OF EM	MISSION FACTOR LIST	
SOx						1. CEM	Include documentation	
						2. Stack Test	Include documentation	
NOx						3. Mass Balance	Include documentation	
						4. AP-42	Include reference	
VOC						4F. FIRE or webFIRE		
						5. Other	Include documentation	
СО						EC. Engr Calc	Include documentation	
						LS. Landfill Spdsht	Include documentation	
LEAD						TK. TANKS Program	Supply TANKS output	
1/45						2.3. VOC Mass Bal	Complete Form 2.3	
HAPs						2.4. Liquid Loading	Complete Form 2.4 Complete Form 2.7	
DM2 F FIL *	5	02 2270	No Control	E0.00	0.50	2.7. Haul Road	Complete Form 2.8	
PM2.5 FIL *	ວ	92.3370	No Control	50.00	0.58	2.8. Storage Pile 2.T. HAP Worksheet	Complete Form 2.T	
NH3						2.9. Stack Test/CEM	Complete Form 2.9	
NH3						2.9. Stack Test/CLIVI	Complete Form 2.0L	
PM CON*						* If PM CON is reporte are required and sh	det, PM10 and PM25 entries above ould represent only the filterable and filterable PM25.	

FACILITY NAME NEW MADRID POWER PLANT MARSTON			FIPS COUNTY NO.	YEAR OF DATA 2014				
1. STORAGE PILE INF	ORMATION							
	OURCE CLASSIFICATION CODE (SCC) 50300810	SEG. NO.	TYPE OF MATERIAL STORED	Fly ash and bottom	ash			
MOISTURE CONTENT (%)	7.00	(DEFAULT = 0.7%)	AREA OF STORAGE PILE (ACR	0.00				
SILT CONTENT (%)	1.60	(DEFAULT = 1.6%)	RAW MATERIAL LOADING MET (CHECK ONE):	RAW MATI	,			
STORAGE DURATION (DAYS)	365		☐ Rail ☑ Truck	□ Ra ⊠ Tru				
ANNUAL AMOUNT STORED (TO	35,750.799		Conveyor Other (specify)	□с₀	nveyor ner (specify)			
MAXIMUM HOURLY AMOUNT S	35,750.7990		Ounci (apoonly)		ісі (эрссііу)			
	AFFECTING EMISSION RATES							
MEAN WIND SPEED (MPH)	10.0	(DEFAULT = 10 MPH)	% OF TIME WIND > 12 MPH	32.0	(DEFAULT = 32%)			
DRY DAYS PER YEAR	250	EFAULT = 260 DAYS)	VEHICLE ACTIVITY FACTOR 1.000 (DEFAUL					
3. STORAGE PILE EM	ISSION FACTOR CALCULATIONS							
CALCULATION		FC	RMULA		RESULT			
[3-A-1] Load In - Load O Component (lb./ton)	ut 0.0032 x .35 x (Mean wind spe	ed) / 5)^1.3 / (Mo	oisture content % / 2)^1.4		0.000			
[3-A-2] Vehicle Activity Comp (lb./ton)	oonent 0.05 x (Silt content % / 1.5) x (I	Ory days per year	r / 235) x Vehicle Activity Fa	actor	0.05673759			
[3-A-3] Activity PM10 Emission Factor (lb./ton)	[3-A-1] Load In - Load Out Con	nponent + [3-A-2]	Vehicle Activity Compone	nt	0.05673759			
[3-B] Wind Erosion PM Emission Factor (lb./acre-yr.)		Storage duration	(Days)) x (Dry days per yea	ar / 235) x (% of time wind	> 751.05437352			

If you use a Source Classification Code and emission factor from the list in the instructions for this form, make sure to complete Section 1, Storage

MO 780-1446 (12-09)

Pile Information for each storage pile.

ACILITY NAME NEW MADRID POWER PLANT MARSTON					FIPS COUNTY NO. 143			PLANT NO. 0004		YEAR OF DATA 2014		4	
EMISSION UNIT NO.		SOU	RCE CLASSIFICAT	TION CODE (SCO	C)	SEG	. NO.	DEVICE NO.		DEVI	CE CODE		
EP-01			10	100501			3	CD0	4		128	3	
CONTROL DEVICE DESCRIPTION						l		S (CHECK ONE)					
	ESP-HIG	H EFFICIE	ENCY			×	Active	∐Inactiv	е Ц	000			
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VENT ON	ILY?	Yes	No								
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	TROL DEVICE	(LISTED ON 2.0S S	TACK/VENT INF	FORMATION)	S-1							
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО		LEAD	HAP(s)	PM25 F	FIL	NH3	PM CON	
CAPTURE EFFICIENCY (%)	100.0000						100.0000		100.00	000			
CONTROL DEVICE EFFICIENCY (%)	95.0000						95.0000		95.000	00			
SOURCE OF EFFICIENCY (CODES)													
CAS NUMBER(S) FOR CONTROLLE	D HAPS				•				•	•			
EMISSION UNIT NO.	<u>'</u>	SOU	RCE CLASSIFICAT	TION CODE (SC	C)	SEG	. NO.	DEVICE NO.		DEVI	CE CODE		
EMISSION UNIT NO. EP-01 CONTROL DEVICE DESCRIPTION Selective Catalytic Reduction for NOx Control ARE THE EMISSIONS CONTROLLED THROUGH THE STACK/VENT ONLY? LIST ALL STACK/VENT NUMBERS SHARING THIS CONTROL DEVICE (LISTED ON 2.0S STACK/VENT II							3	CD1	0		139)	
CONTROL DEVICE DESCRIPTION						OPE	RATING STATU	S (CHECK ONE)					
Selective	e Catalytic F	Reduction	for NOx Co	ntrol		×	Active	Inactiv	е 🔲 Г	Disn	nantled		
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VENT ON	NLY?	X Yes	No								
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	ITROL DEVICE	(LISTED ON 2.0S S	TACK/VENT INF	FORMATION)	S-1							
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО		LEAD	HAP(s)	PM25 F	FIL	NH3	PM CON	
CAPTURE EFFICIENCY (%)			100.0000										
CONTROL DEVICE EFFICIENCY (%)			93.0000										
SOURCE OF EFFICIENCY (CODES)													
CAS NUMBER(S) FOR CONTROLLE	D HAPS		-										
EMISSION UNIT NO.		SOU	RCE CLASSIFICAT	TON CODE (SC	C)	SEG	. NO.	DEVICE NO.		DEVI	CE CODE		
EP-01			10	100223			2	CD0	4		128	3	
CONTROL DEVICE DESCRIPTION		<u> </u>				OPE	RATING STATU	S (CHECK ONE)					
	ESP-HIG	H EFFICIE	ENCY			×	Active	□Inactiv	е 🔲 г	Disn	nantled		
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VENT ON	ILY?	X Yes	No								
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	TROL DEVICE	(LISTED ON 2.0S S	TACK/VENT INF	FORMATION)	S-1							
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО		LEAD	HAP(s)	PM25 F	FIL	NH3	PM CON	
CAPTURE EFFICIENCY (%)	100.0000						100.0000		100.00	000			
CONTROL DEVICE EFFICIENCY (%)	95.0000						95.0000	_	95.000	00			
SOURCE OF EFFICIENCY (CODES)													
CAS NUMBER(S) FOR CONTROLLE	D HAPS												

FACILITY NAME NEW MADRID POWER	EW MADRID POWER PLANT MARSTON				FIPS COUNTY	'NO. 143	PLANT NO. 0004		YEAR OF DATA 2014			
EMISSION UNIT NO.		SOL		100223	C)	SEG. NO.	DEVICE NO.	0	DEVICE CODE	9		
CONTROL DEVICE DESCRIPTION Selective	e Catalytic	Reduction	for NOx Cor	ntrol		OPERATING STATE Active	IS (CHECK ONE)	е 🗆 г	Dismantled			
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VENT O	NLY?	X Yes	No							
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CO		(LISTED ON 2.0S S	TACK/VENT INF	ORMATION)	S-1						
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F	IL NH3	PM CON		
CAPTURE EFFICIENCY (%)			100.0000									
CONTROL DEVICE EFFICIENCY (%)			93.0000									
SOURCE OF EFFICIENCY (CODES)									PM25 FIL NH3 PM 0 DEVICE CODE 128 PM25 FIL NH3 PM 0 100.0000 95.0000			
CAS NUMBER(S) FOR CONTROLLE	D HAPS											
EMISSION UNIT NO.		SOL	JRCE CLASSIFICAT	ON CODE (SCC	C)	SEG. NO.	DEVICE NO.	DEVICE CODE 128 PM25 FIL NH3 PM CO 100.0000 95.0000				
EP-01			10	100203		1	CDO	DEVICE CODE 128 The Dismantled PM25 FIL NH3 PM C 100.0000				
CONTROL DEVICE DESCRIPTION		•				OPERATING STATU	JS (CHECK ONE)	•	Dismantled			
	ESP-HIG	H EFFICI	ENCY			× Active	☐Inactiv	е 🗆 🗆	Dismantled			
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VENT O	NLY?	X Yes	No							
LIST ALL STACK/VENT NUMBERS SHARING THIS CONTROL DEVICE (LISTED ON 2.0S STACK/VENT INFORMATION) S-1												
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F	IL NH3	PM CON		
CAPTURE EFFICIENCY (%)	100.0000					100.0000		100.00	00			
CONTROL DEVICE EFFICIENCY (%)	95.0000					95.0000		95.000	00			
SOURCE OF EFFICIENCY (CODES)												
CAS NUMBER(S) FOR CONTROLLE	D HAPS											
EMISSION UNIT NO.		SOL	JRCE CLASSIFICAT	ION CODE (SCC	C)	SEG. NO.	DEVICE NO.		DEVICE CODE			
EP-01			10	100203		1	CD1	0	13	9		
CONTROL DEVICE DESCRIPTION		•				OPERATING STATU	JS (CHECK ONE)					
Selective	e Catalytic	Reduction	for NOx Cor	ntrol		×Active	□Inactiv	е 🗆 Г	Dismantled			
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VENT O	NLY?	X Yes	No							
LIST ALL STACK/VENT NUMBERS SH			(LISTED ON 2.0S S			S-1						
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	CO	LEAD	HAP(s)	PM25 F	IL NH3	PM CON		
CAPTURE EFFICIENCY (%)			100.0000									
CONTROL DEVICE EFFICIENCY (%)			93.0000									
SOURCE OF FEFICIENCY (CORES)							+	1		1		
SOURCE OF EFFICIENCY (CODES)												

ACILITY NAME NEW MADRID POWER PLANT MARSTON MISSION UNIT NO. SOURCE CLASSIFICATION CODE (6)					FIPS COUNTY	′ NO. 143	PLANT NO. 0004		YEAR OF DATA 2014		
EMISSION UNIT NO.		SOL			C)		DEVICE NO.		DEVICE CODE	_	
EP-01			10	101302		4	CDO	4	12	8 	
CONTROL DEVICE DESCRIPTION	ESP-HIC	H EFFICI	ENCY			OPERATING STATU Active	Inactiv	е 🗆 🗆	Dismantled		
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VENT O	NLY?	X Yes	No						
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CC	NTROL DEVICE	(LISTED ON 2.0S S	TACK/VENT INF	ORMATION)	S-1					
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	CO	LEAD	HAP(s)	PM25 F	IL NH3	PM CON	
CAPTURE EFFICIENCY (%)	100.0000					100.0000		100.000	00		
CONTROL DEVICE EFFICIENCY (%)	95.0000					95.0000		95.000	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS		•	•	•	•		•	•		
EMISSION UNIT NO.	•	SOL	URCE CLASSIFICAT	TON CODE (SCC	c)	SEG. NO.	DEVICE NO.		DEVICE CODE		
EP-01			10	101302		4	CD1	ive Dismantled			
CONTROL DEVICE DESCRIPTION		I				OPERATING STATU	IS (CHECK ONE)	L.			
Selective	e Catalytic	Reduction	for NOx Co	ntrol		× Active	☐Inactiv	е 🗆 🗆	Dismantled		
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VENT O	NLY?	X Yes	No	•					
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CO	NTROL DEVICE	(LISTED ON 2.0S S	TACK/VENT INF	ORMATION)	S-1					
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	CO	LEAD	HAP(s)	PM25 F	IL NH3	PM CON	
CAPTURE EFFICIENCY (%)			100.0000								
CONTROL DEVICE EFFICIENCY (%)			93.0000								
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS				•	•		•			
EMISSION UNIT NO.	•	SOL	URCE CLASSIFICAT	TON CODE (SCC	c)	SEG. NO.	DEVICE NO.		DEVICE CODE		
EP-02			10	100501		3	CDO	5	12	8	
CONTROL DEVICE DESCRIPTION	50D 1110	===:0:	ENOV.			OPERATING STATU					
		SH EFFICI				×Active	∐Inactiv	е ЦС	Dismantled		
ARE THE EMISSIONS CONTROLLED				X Yes	No	I a					
LIST ALL STACK/VENT NUMBERS SH			•		,	S-2					
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F	IL NH3	PM CON	
CAPTURE EFFICIENCY (%)	100.0000					100.0000		100.000	00		
CONTROL DEVICE EFFICIENCY (%)	95.0000					95.0000		95.000	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS										

FACILITY NAME NEW MADRID POWER PLANT MARSTON LOUDDES OF ACCUSION CODE.					FIPS COUNTY	′NO. 143	PLANT NO. 0004		YEAR OF DATA 2014		4
EMISSION UNIT NO.		SOU	IRCE CLASSIFICAT	ION CODE (SC	C)	SEG. NO.	DEVICE NO.		DEVICE	CODE	
EP-02			10	100501		3	CD1	1		139)
CONTROL DEVICE DESCRIPTION						OPERATING STAT	US (CHECK ONE)				
Selective	e Catalytic I	Reduction	for NOx Cor	ntrol		× Active	∐Inactiv	е Ш	Disma	antled	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VENT ON	NLY?	X Yes	No						
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	ITROL DEVICE	(LISTED ON 2.0S S	TACK/VENT INF	FORMATION)	S-2					
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 I	FIL	NH3	PM CON
CAPTURE EFFICIENCY (%)			100.0000								
CONTROL DEVICE EFFICIENCY (%)			93.0000								
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS										
EMISSION UNIT NO.		SOU	IRCE CLASSIFICAT	ION CODE (SC	C)	SEG. NO.	DEVICE NO.		DEVICE	CODE	
EP-02 10100203 1 CD05 128 CONTROL DEVICE DESCRIPTION OPERATING STATUS (CHECK ONE) ESP-HIGH EFFICIENCY Active Inactive Dismantled							3				
CONTROL DEVICE DESCRIPTION		•					US (CHECK ONE)				
	ESP-HIG	H EFFICII	ENCY			×Active	∐Inactiv	е Ш	Disma	antled	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VENT ON	NLY?	X Yes	No						
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	ITROL DEVICE	(LISTED ON 2.0S S	TACK/VENT INF	FORMATION)	S-2					
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25	FIL	NH3	PM CON
CAPTURE EFFICIENCY (%)	100.0000					100.0000		100.00	000		
CONTROL DEVICE EFFICIENCY (%)	95.0000					95.0000		95.00	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS		1		•		•				
EMISSION UNIT NO.	· ·	SOU	IRCE CLASSIFICAT	ION CODE (SC	C)	SEG. NO.	DEVICE NO.		DEVICE	CODE	
EP-02	!		10	100203		1	CD1	1		139)
CONTROL DEVICE DESCRIPTION	_			_		OPERATING STAT	US (CHECK ONE)				
Selective	e Catalytic I	Reduction	for NOx Cor	ntrol		× Active	∐Inactiv	е Ш	Disma	antled	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VENT ON	NLY?	X Yes	No						
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	ITROL DEVICE	(LISTED ON 2.0S S	TACK/VENT INF	FORMATION)	S-2					
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	CO	LEAD	HAP(s)	PM25 I	FIL	NH3	PM CON
CAPTURE EFFICIENCY (%)			100.0000								
CONTROL DEVICE EFFICIENCY (%)		_	93.0000							_	
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS		<u> </u>		•						

FACILITY NAME NEW MADRID POWER PLANT MARSTON EMISSION UNIT NO. SOURCE CLASSIFICATION CODE (FIPS COUNTY	(NO. 143	PLANT NO. 0004		YEAR OF DATA 2014			
EMISSION UNIT NO.		S			C)		DEVICE NO.			•		
EP-02 CONTROL DEVICE DESCRIPTION			10	100223		2 OPERATING STATE	CD0	5	12	8 		
CONTROL DEVICE BESCRIFTION	ESP-HIC	GH EFFI	CIENCY			× Active		е 🗆 С	DEVICE CODE 128 Dismantled PM25 FIL NH3 PM CO 100.0000 95.0000 DEVICE CODE 139 Dismantled			
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VENT	ONLY?	X Yes	No							
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CO	ONTROL DEVI	CE (LISTED ON 2.0S S	TACK/VENT INF	ORMATION)	S-2						
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	CO	LEAD	HAP(s)	PM25 F	IL NH3	PM CON		
CAPTURE EFFICIENCY (%)	100.0000					100.0000		100.000	00			
CONTROL DEVICE EFFICIENCY (%)	95.0000					95.0000		95.000	00			
SOURCE OF EFFICIENCY (CODES)									DEVICE CODE 139 Dismantled M25 FIL NH3 PM C			
CAS NUMBER(S) FOR CONTROLLE	D HAPS		-									
EMISSION UNIT NO.		S	SOURCE CLASSIFICAT	TON CODE (SCC	()	SEG. NO.	DEVICE NO.		DEVICE CODE			
EP-02	:		10	100223		2	CD1	11 139 ve Dismantled				
CONTROL DEVICE DESCRIPTION						OPERATING STATU	JS (CHECK ONE)					
Selective	e Catalytic	Reduction	on for NOx Co	ntrol		★ Active	□Inactiv	е 🗆 🗆	Dismantled			
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VENT	ONLY?	X Yes	No							
LIST ALL STACK/VENT NUMBERS SHARING THIS CONTROL DEVICE (LISTED ON 2.0S STACK/VENT INFORMATION) S-2												
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	CO	LEAD	HAP(s)	PM25 F	IL NH3	PM CON		
CAPTURE EFFICIENCY (%)			100.0000									
CONTROL DEVICE EFFICIENCY (%)			93.0000									
SOURCE OF EFFICIENCY (CODES)												
CAS NUMBER(S) FOR CONTROLLE	D HAPS				•	•		•				
EMISSION UNIT NO.	•	S	SOURCE CLASSIFICAT	TON CODE (SCC	()	SEG. NO.	DEVICE NO.		DEVICE CODE			
EP-02	!		10	101302		4	CD0	5	12	8		
CONTROL DEVICE DESCRIPTION		•				OPERATING STATU	JS (CHECK ONE)	•				
	ESP-HIC	SH EFFI	CIENCY			×Active	□Inactiv	е 🗆 С	Dismantled			
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VENT	FONLY?	X Yes	No							
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CO	NTROL DEVI	CE (LISTED ON 2.0S S	TACK/VENT INF	ORMATION)	S-2						
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F	IL NH3	PM CON		
CAPTURE EFFICIENCY (%)	100.0000					100.0000		100.000	00			
CONTROL DEVICE EFFICIENCY (%)	95.0000					95.0000		95.000	00			
SOURCE OF EFFICIENCY (CODES)												
CAS NUMBER(S) FOR CONTROLLE	D HAPS	-	•		-			-	•			

FACILITY NAME NEW MADRID POWER	EW MADRID POWER PLANT MARSTON				FIPS COUNTY	NO. 143	PLANT NO. 0004		YEAR OF DATA 2014			
EMISSION UNIT NO.		S	OURCE CLASSIFICAT	101302	()	SEG. NO.	DEVICE NO.	1	DEVICE CODE	139		
CONTROL DEVICE DESCRIPTION						OPERATING STAT	US (CHECK ONE)		139 Dismantled			
Selective	e Catalytic	Reductio	on for NOx Co	ntrol		×Active	□Inactiv	ve □□	Dismantled			
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VENT	ONLY?	X Yes	No							
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CO	NTROL DEVI	CE (LISTED ON 2.0S S	TACK/VENT INF	ORMATION)	S-2						
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F	IL NH3	PM CON		
CAPTURE EFFICIENCY (%)			100.0000									
CONTROL DEVICE EFFICIENCY (%)			93.0000									
SOURCE OF EFFICIENCY (CODES)												
CAS NUMBER(S) FOR CONTROLLE	D HAPS				•	•		•		•		
EMISSION UNIT NO.	•	S	OURCE CLASSIFICAT	TON CODE (SCC	C)	SEG. NO.	DEVICE NO.		DEVICE CODE			
EP-04			30	501008		1	CDC	06 127 ve □Dismantled				
CONTROL DEVICE DESCRIPTION						OPERATING STAT	US (CHECK ONE)					
F	ABRIC FIL	TER - L	OW TEMP			× Active	☐Inactiv	re □[Dismantled			
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VENT	ONLY?	X Yes	No							
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CO	NTROL DEVI	CE (LISTED ON 2.0S S	TACK/VENT INF	ORMATION)	V-1						
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	CO	LEAD	HAP(s)	PM25 F	IL NH3	PM CON		
CAPTURE EFFICIENCY (%)	100.0000							100.00	00			
CONTROL DEVICE EFFICIENCY (%)	99.0000							99.000	00			
SOURCE OF EFFICIENCY (CODES)												
CAS NUMBER(S) FOR CONTROLLE	D HAPS	•			•	•	•	•	•	•		
EMISSION UNIT NO.	•	S	OURCE CLASSIFICAT	ION CODE (SCC	()	SEG. NO.	DEVICE NO.		DEVICE CODE			
EP-05	i		30	501011		1	CDC)2	4	217		
CONTROL DEVICE DESCRIPTION) A (A =					OPERATING STAT		_				
		ER SPR				× Active	∐Inactiv	′е <u>Ц</u> [Dismantled			
ARE THE EMISSIONS CONTROLLED LIST ALL STACK/VENT NUMBERS SE				Yes	No No							
			,		,	V-2						
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F		PM CON		
CAPTURE EFFICIENCY (%)	100.0000							100.00	00			
CONTROL DEVICE EFFICIENCY (%)	50.0000							50.000	00			
SOURCE OF EFFICIENCY (CODES)												
CAS NUMBER(S) FOR CONTROLLE	D HAPS											

CILITY NAME EW MADRID POWER PLANT MARSTON					FIPS COUNTY	(NO. 143		PLANT NO. 0004		YEAR OF DATA 2014		4	
EMISSION UNIT NO.			SOURCE CLASSIFICA	ATION CODE (SCC 0501011	C)	SEG. NO.		DEVICE NO.	3	DEVIC	CE CODE 217	7	
CONTROL DEVICE DESCRIPTION WET	CHEMICAL	DUST	SUPPRESSI	ON		OPERATIF		US (CHECK ONE)	е 🔲 г	Dism	nantled		
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VE	NT ONLY?	X Yes	No	•							
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CO	NTROL DE	VICE (LISTED ON 2.0S	STACK/VENT INF	ORMATION)	V-2							
AIR POLLUTANT	PM10 FIL	SO	x NOx	VOC	СО	LI	EAD	HAP(s)	PM25 F	FIL	NH3	PM CON	
CAPTURE EFFICIENCY (%)	100.0000												
CONTROL DEVICE EFFICIENCY (%)	65.0000												
SOURCE OF EFFICIENCY (CODES)									DEVICE CODE 127 Dismantled				
CAS NUMBER(S) FOR CONTROLLE	D HAPS					•			•	•			
EMISSION UNIT NO.			SOURCE CLASSIFICA	ATION CODE (SCC	C)	SEG. NO.		DEVICE NO.	DEVICE CODE 127 E) ive Dismantled PM25 FIL NH3 PM C 100.0000				
EP-05	;		3	0501011		1		CD0	127 E) tive Dismantled PM25 FIL NH3 PM C				
CONTROL DEVICE DESCRIPTION						OPERATI	NG STAT	US (CHECK ONE)	e Dismantled				
	FABRIC FII	_TER I	LOW TEMP			⊠ Act	ive	☐Inactiv	е 🔲 [Dism	nantled		
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VE	NT ONLY?	X Yes	No								
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CO	NTROL DE	VICE (LISTED ON 2.0S	STACK/VENT INF	ORMATION)	V-2							
AIR POLLUTANT	PM10 FIL	SO	x NOx	VOC	СО	LI	EAD	HAP(s)	PM25 F	-IL	NH3	PM CON	
CAPTURE EFFICIENCY (%)	100.0000								100.00	00			
CONTROL DEVICE EFFICIENCY (%)	90.0000								90.000	00			
SOURCE OF EFFICIENCY (CODES)													
CAS NUMBER(S) FOR CONTROLLE	D HAPS			•	•	•			•	•			
EMISSION UNIT NO.	•		SOURCE CLASSIFICA	ATION CODE (SCC	C)	SEG. NO.		DEVICE NO.		DEVIC	CE CODE		
EP-05	i		3	0501011		1		CD0	6		127	7	
CONTROL DEVICE DESCRIPTION								US (CHECK ONE)					
F	ABRIC FIL	TER -	LOW TEMP			×Act	ive	□Inactiv	е 🗆 [Dism	nantled		
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VE	NT ONLY?	X Yes	No								
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CO	NTROL DE	VICE (LISTED ON 2.0S	STACK/VENT INF	ORMATION)	V-2							
AIR POLLUTANT	PM10 FIL	SO	x NOx	VOC	CO	LI	EAD	HAP(s)	PM25 F	-IL	NH3	PM CON	
CAPTURE EFFICIENCY (%)	100.0000								100.00	00			
CONTROL DEVICE EFFICIENCY (%)	99.0000								99.000	00			
SOURCE OF EFFICIENCY (CODES)													
CAS NUMBER(S) FOR CONTROLLE	D HAPS	PS											

FACILITY NAME NEW MADRID POWER	EW MADRID POWER PLANT MARSTON				FIPS COUNTY	'NO. 143	PLANT NO. 0004		YEAR OF DATA 2014			
EMISSION UNIT NO.			SOURCE CLASSIFICAT	TION CODE (SCC 0501011)	SEG. NO.	DEVICE NO.	11	DEVICE CODE	27		
CONTROL DEVICE DESCRIPTION	,						TUS (CHECK ONE)	/ I	Dismantled			
	FABRIC FIL	_TER L	OW TEMP			×Active		⁄e □ı	DEVICE CODE 127 Dismantled PM25 FIL NH3 PM CO DEVICE CODE 217 Dismantled			
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VEN	IT ONLY?	X Yes	No							
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	NTROL DE\	/ICE (LISTED ON 2.0S S	STACK/VENT INF	ORMATION)	V-2						
AIR POLLUTANT	PM10 FIL	SO	(NOx	VOC	СО	LEAD	HAP(s)	PM25 I	FIL NH3	PM CON		
CAPTURE EFFICIENCY (%)	100.0000											
CONTROL DEVICE EFFICIENCY (%)	99.0000											
SOURCE OF EFFICIENCY (CODES)												
CAS NUMBER(S) FOR CONTROLLE	D HAPS											
EMISSION UNIT NO.			SOURCE CLASSIFICAT	TION CODE (SCC)	SEG. NO.	DEVICE NO.		DEVICE CODE			
EP-05	;		30	501011		2	CDC	02 217				
CONTROL DEVICE DESCRIPTION							TUS (CHECK ONE)					
	WAT	ER SP	RAY			× Active	∐Inactiv	⁄e ∐l	Dismantled			
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VEN	IT ONLY?	X Yes	No							
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	NTROL DE\	/ICE (LISTED ON 2.0S S	STACK/VENT INF	ORMATION)	V-2						
AIR POLLUTANT	PM10 FIL	SO	(NOx	VOC	СО	LEAD	HAP(s)	PM25 I	FIL NH3	PM CON		
CAPTURE EFFICIENCY (%)	100.0000							100.00	000			
CONTROL DEVICE EFFICIENCY (%)	50.0000							50.00	00			
SOURCE OF EFFICIENCY (CODES)												
CAS NUMBER(S) FOR CONTROLLE	D HAPS											
EMISSION UNIT NO.			SOURCE CLASSIFICAT	TION CODE (SCC)	SEG. NO.	DEVICE NO.		DEVICE CODE			
EP-05	;		30	501011		2	CDC)3	2	217		
CONTROL DEVICE DESCRIPTION							TUS (CHECK ONE)		I			
WET	CHEMICAL	DUST	SUPPRESSIC	DN		× Active	□Inactiv	⁄e □ı	Dismantled			
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VEN	IT ONLY?	X Yes	No							
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	NTROL DE\	/ICE (LISTED ON 2.0S S	STACK/VENT INF	ORMATION)	V-2						
AIR POLLUTANT	PM10 FIL	SO	(NOx	VOC	СО	LEAD	HAP(s)	PM25 I	FIL NH3	PM CON		
CAPTURE EFFICIENCY (%)	100.0000											
CONTROL DEVICE EFFICIENCY (%)	65.0000											
SOURCE OF FEFICIENCY (CODES)												
SOURCE OF EFFICIENCY (CODES)												

FACILITY NAME NEW MADRID POWER PLANT MARSTON						FIPS COUNTY NO. 143			PLANT NO. 0004		YEAR OF DATA 2014		
EMISSION UNIT NO.			SOURCE CLASSIFICA	;)	SEG. NO.		DEVICE NO.		DEVICE CODE				
EP-05 CONTROL DEVICE DESCRIPTION			30		2 OPERATING	STATI	CD09		127				
FABRIC FILTER LOW TEMP						OPERATING STATUS (CHECK ONE) X Active Inactive Dismantled							
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VEN	NT ONLY?	X Yes	No								
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	TROL DE	/ICE (LISTED ON 2.0S S	STACK/VENT INF	ORMATION)	V-2							
AIR POLLUTANT	PM10 FIL	SO	K NOx	VOC	CO	LE	AD	HAP(s)	PM25 F	FIL	NH3	PM CON	
CAPTURE EFFICIENCY (%)	100.0000								100.0000				
CONTROL DEVICE EFFICIENCY (%)	90.0000								90.0000				
SOURCE OF EFFICIENCY (CODES)													
CAS NUMBER(S) FOR CONTROLLE	D HAPS												
EMISSION UNIT NO.	SOURCE CLASSIFICATION CODE (SCC)			SEG. NO.		DEVICE NO.		DEVICE CODE					
EP-05			30		2 CD0			6	127				
CONTROL DEVICE DESCRIPTION OPERATING STATUS (CHECK ONE)													
FABRIC FILTER - LOW TEMP X Active													
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VEN	NT ONLY?	X Yes	No								
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	TROL DE	/ICE (LISTED ON 2.0S S	STACK/VENT INF	ORMATION)	V-2							
AIR POLLUTANT	PM10 FIL	SO	k NOx	VOC	СО	LE	AD	HAP(s)	PM25 FIL		NH3	PM CON	
CAPTURE EFFICIENCY (%)	100.0000								100.0000				
CONTROL DEVICE EFFICIENCY (%)	99.0000								99.0000				
SOURCE OF EFFICIENCY (CODES)													
CAS NUMBER(S) FOR CONTROLLE	D HAPS												
EMISSION UNIT NO. SOURCE CLASSIFICATION CODE (SCO					;)	SEG. NO. DEVICE NO.				DEVICE CODE			
EP-05			30501011			2		CD01		127			
CONTROL DEVICE DESCRIPTION								JS (CHECK ONE)					
FABRIC FILTER LOW TEMP						■ Active □ Inactive □ Dismantled							
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VEN	NT ONLY?	X Yes	No								
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	TROL DE	/ICE (LISTED ON 2.0S S	STACK/VENT INF	ORMATION)	V-2							
AIR POLLUTANT	PM10 FIL	SO	k NOx	VOC	СО	LE	AD	HAP(s)	PM25 F	FIL	NH3	PM CON	
CAPTURE EFFICIENCY (%)	100.0000												
CONTROL DEVICE EFFICIENCY (%)	99.0000												
SOURCE OF EFFICIENCY (CODES)							_						

FACILITY NAME NEW MADRID POWEF	R PLANT M	ARSTO	ON		FIPS COUNTY	(NO. 143	PLANT NO.	4	YEAR OF DATA 201	4
EMISSION UNIT NO.			SOURCE CLASSIFICAT		;)	SEG. NO.	DEVICE NO.		DEVICE CODE	_
EP-05 CONTROL DEVICE DESCRIPTION)		30	501011		3	TUS (CHECK ONE)	12	217	<i>/</i>
CONTROL DEVICE DESCRIPTION	WAT	ER SP	RAY			× Active	Inactiv	e 🔲	Dismantled	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VEI	NT ONLY?	X Yes	No					
LIST ALL STACK/VENT NUMBERS SI	HARING THIS CON	NTROL DE	VICE (LISTED ON 2.0S S	STACK/VENT INF	ORMATION)	V-2				
AIR POLLUTANT	PM10 FIL	SO	x NOx	VOC	СО	LEAD	HAP(s)	PM25 F	FIL NH3	PM CON
CAPTURE EFFICIENCY (%)	100.0000							100.00	000	
CONTROL DEVICE EFFICIENCY (%)	50.0000							50.000	00	
SOURCE OF EFFICIENCY (CODES)										
CAS NUMBER(S) FOR CONTROLLE	D HAPS		•		•		•	•	•	•
EMISSION UNIT NO.	•		SOURCE CLASSIFICAT	TION CODE (SCC	:)	SEG. NO.	DEVICE NO.		DEVICE CODE	
EP-05	5		30	501011		3	CDC	3	217	7
CONTROL DEVICE DESCRIPTION							TUS (CHECK ONE)			
WET	CHEMICAL	DUST	SUPPRESSIC)N		× Active	∐Inactiv	е Ш	Dismantled	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VEI	NT ONLY?	X Yes	No					
LIST ALL STACK/VENT NUMBERS SI	HARING THIS CON	NTROL DE	VICE (LISTED ON 2.0S S	STACK/VENT INF	ORMATION)	V-2				
AIR POLLUTANT	PM10 FIL	SO	x NOx	VOC	СО	LEAD	HAP(s)	PM25 F	FIL NH3	PM CON
CAPTURE EFFICIENCY (%)	100.0000									
CONTROL DEVICE EFFICIENCY (%)	65.0000									
SOURCE OF EFFICIENCY (CODES)										
CAS NUMBER(S) FOR CONTROLLE	ED HAPS				•				•	
EMISSION UNIT NO.	•		SOURCE CLASSIFICAT	TION CODE (SCC	·)	SEG. NO.	DEVICE NO.		DEVICE CODE	
EP-05	5		30	501011		3	CDC	9	127	7
CONTROL DEVICE DESCRIPTION						OPERATING STA	TUS (CHECK ONE)			
		TEDI	OW TEMP							
ADE THE EMISSIONS CONTROLLED			LOW TEMP			× Active	□Inactiv	е 🔲 г	Dismantled	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VEN	NT ONLY?	Yes	No ORMATION)		□Inactiv	re 🔲 i	Dismantled	
LIST ALL STACK/VENT NUMBERS SI	THROUGH THE S	STACK/VEN	NT ONLY?	STACK/VENT INF	ORMATION)	V-2				I PM CON
	HARING THIS COM	STACK/VEN	NT ONLY?		Ш		Inactiv	PM25 I	FIL NH3	PM CON
LIST ALL STACK/VENT NUMBERS SI AIR POLLUTANT CAPTURE EFFICIENCY (%)	HARING THIS COMPANDED TO THE SECOND THIS COMPAND THE SECOND THE SE	STACK/VEN	NT ONLY?	STACK/VENT INF	ORMATION)	V-2		PM25 F	FIL NH3	PM CON
LIST ALL STACK/VENT NUMBERS SI AIR POLLUTANT CAPTURE EFFICIENCY (%) CONTROL DEVICE EFFICIENCY (%)	HARING THIS COM	STACK/VEN	NT ONLY?	STACK/VENT INF	ORMATION)	V-2		PM25 I	FIL NH3	PM CON
LIST ALL STACK/VENT NUMBERS SI AIR POLLUTANT CAPTURE EFFICIENCY (%)	PM10 FIL 100.0000 90.0000	STACK/VEN	NT ONLY?	STACK/VENT INF	ORMATION)	V-2		PM25 F	FIL NH3	PM CON

FACILITY NAME NEW MADRID POWER	R PLANT M	ARSTO	DN		FIPS COUNTY	NO. 143	PLANT NO.	4	YEAR	OF DATA 2014	4
EMISSION UNIT NO.			SOURCE CLASSIFICA		;)	SEG. NO.	DEVICE NO.		DEVIC	CE CODE	-
EP-05 CONTROL DEVICE DESCRIPTION)		30)501011		3 OPERATING STAT	CD0)6		127	
	ABRIC FIL	TER - I	LOW TEMP			× Active		′e □ı	Dism	nantled	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VEN	IT ONLY?	X Yes	No						
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	NTROL DEV	/ICE (LISTED ON 2.0S S	STACK/VENT INF	ORMATION)	V-2					
AIR POLLUTANT	PM10 FIL	SOx	(NOx	VOC	СО	LEAD	HAP(s)	PM25 I	FIL	NH3	PM CON
CAPTURE EFFICIENCY (%)	100.0000							100.00	000		
CONTROL DEVICE EFFICIENCY (%)	99.0000							99.00	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS		1	•		•	•	•			
EMISSION UNIT NO.			SOURCE CLASSIFICAT	TION CODE (SCC	5)	SEG. NO.	DEVICE NO.		DEVIC	CE CODE	
EP-05	;		30)501011		3	CDO)1		127	7
CONTROL DEVICE DESCRIPTION	E A D D I O E III		OW TEMP			OPERATING STAT					
	FABRIC FIL					× Active	∐Inactiv	′е Ш	Dism	antled	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VEN	NT ONLY?	X Yes	No						
				<u> </u>	<u> </u>						
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	NTROL DEV	/ICE (LISTED ON 2.0S S		<u> </u>	V-2					
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	NTROL DEV			<u> </u>	V-2	HAP(s)	PM25 I	FIL	NH3	PM CON
				STACK/VENT INF	ORMATION)		HAP(s)	PM25 I	FIL	NH3	PM CON
AIR POLLUTANT	PM10 FIL			STACK/VENT INF	ORMATION)		HAP(s)	PM25 I	FIL	NH3	PM CON
AIR POLLUTANT CAPTURE EFFICIENCY (%)	PM10 FIL 100.0000			STACK/VENT INF	ORMATION)		HAP(s)	PM25 I	FIL	NH3	PM CON
AIR POLLUTANT CAPTURE EFFICIENCY (%) CONTROL DEVICE EFFICIENCY (%)	PM10 FIL 100.0000 99.0000			STACK/VENT INF	ORMATION)		HAP(s)	PM25 I	FIL	NH3	PM CON
AIR POLLUTANT CAPTURE EFFICIENCY (%) CONTROL DEVICE EFFICIENCY (%) SOURCE OF EFFICIENCY (CODES)	PM10 FIL 100.0000 99.0000	SOX		VOC	ORMATION) CO		HAP(s)	PM25 I		NH3	PM CON
AIR POLLUTANT CAPTURE EFFICIENCY (%) CONTROL DEVICE EFFICIENCY (%) SOURCE OF EFFICIENCY (CODES) CAS NUMBER(S) FOR CONTROLLE	PM10 FIL 100.0000 99.0000	SOX	SOURCE CLASSIFICA	VOC	ORMATION) CO	SEG. NO.	DEVICE NO.				
AIR POLLUTANT CAPTURE EFFICIENCY (%) CONTROL DEVICE EFFICIENCY (%) SOURCE OF EFFICIENCY (CODES) CAS NUMBER(S) FOR CONTROLLE EMISSION UNIT NO.	PM10 FIL 100.0000 99.0000	SOx	SOURCE CLASSIFICAT	VOC	ORMATION) CO	SEG. NO. 4 OPERATING STAT	DEVICE NO. CDO US (CHECK ONE))2	DEVIC	DE CODE 217	
AIR POLLUTANT CAPTURE EFFICIENCY (%) CONTROL DEVICE EFFICIENCY (CODES) CAS NUMBER(S) FOR CONTROLLE EMISSION UNIT NO. EP-05 CONTROL DEVICE DESCRIPTION	99.0000 DHAPS WAT	SOX	SOURCE CLASSIFICA' 30	TION CODE (SCC	ORMATION) CO	SEG. NO.	DEVICE NO.)2	DEVIC	DE CODE	
AIR POLLUTANT CAPTURE EFFICIENCY (%) CONTROL DEVICE EFFICIENCY (%) SOURCE OF EFFICIENCY (CODES) CAS NUMBER(S) FOR CONTROLLE EMISSION UNIT NO. EP-05	99.0000 DHAPS WAT	SOX	SOURCE CLASSIFICATION RAY	TION CODE (SCC	ORMATION) CO No	SEG. NO. 4 OPERATING STAT Active	DEVICE NO. CDO US (CHECK ONE))2	DEVIC	DE CODE 217	
AIR POLLUTANT CAPTURE EFFICIENCY (%) CONTROL DEVICE EFFICIENCY (%) SOURCE OF EFFICIENCY (CODES) CAS NUMBER(S) FOR CONTROLLE EMISSION UNIT NO. EP-05 CONTROL DEVICE DESCRIPTION ARE THE EMISSIONS CONTROLLED LIST ALL STACK/VENT NUMBERS SH	PM10 FIL 100.0000 99.0000 TO HAPS WAT THROUGH THE STARRING THIS COM	SOX ER SP STACK/VEN	SOURCE CLASSIFICATION 30 RAY IT ONLY? //ICE (LISTED ON 2.0S S	TION CODE (SCC	ORMATION) CO No ORMATION)	SEG. NO. 4 OPERATING STAT X Active	DEVICE NO. CD0 US (CHECK ONE) Inactiv	02 re	Dism	DE CODE 217 nantled	7
AIR POLLUTANT CAPTURE EFFICIENCY (%) CONTROL DEVICE EFFICIENCY (%) SOURCE OF EFFICIENCY (CODES) CAS NUMBER(S) FOR CONTROLLE EMISSION UNIT NO. EP-05 CONTROL DEVICE DESCRIPTION ARE THE EMISSIONS CONTROLLED	99.0000 DHAPS WAT	SOX	SOURCE CLASSIFICATION 30 RAY IT ONLY? //ICE (LISTED ON 2.0S S	TION CODE (SCC	ORMATION) CO No	SEG. NO. 4 OPERATING STAT Active	DEVICE NO. CDO US (CHECK ONE))2	Dism	DE CODE 217	
AIR POLLUTANT CAPTURE EFFICIENCY (%) CONTROL DEVICE EFFICIENCY (%) SOURCE OF EFFICIENCY (CODES) CAS NUMBER(S) FOR CONTROLLE EMISSION UNIT NO. EP-05 CONTROL DEVICE DESCRIPTION ARE THE EMISSIONS CONTROLLED LIST ALL STACK/VENT NUMBERS SH	PM10 FIL 100.0000 99.0000 TO HAPS WAT THROUGH THE S HARING THIS CON	SOX ER SP STACK/VEN	SOURCE CLASSIFICATION 30 RAY IT ONLY? //ICE (LISTED ON 2.0S S	TION CODE (SCC	ORMATION) CO No ORMATION)	SEG. NO. 4 OPERATING STAT X Active	DEVICE NO. CD0 US (CHECK ONE) Inactiv	2 re	Dism FIL 0000	DE CODE 217 nantled	7
AIR POLLUTANT CAPTURE EFFICIENCY (%) CONTROL DEVICE EFFICIENCY (%) SOURCE OF EFFICIENCY (CODES) CAS NUMBER(S) FOR CONTROLLE EMISSION UNIT NO. EP-05 CONTROL DEVICE DESCRIPTION ARE THE EMISSIONS CONTROLLED LIST ALL STACK/VENT NUMBERS SH AIR POLLUTANT CAPTURE EFFICIENCY (%)	PM10 FIL 100.0000 99.0000 TO HAPS WAT THROUGH THE S HARING THIS COM PM10 FIL 100.0000	SOX ER SP STACK/VEN	SOURCE CLASSIFICATION 30 RAY IT ONLY? //ICE (LISTED ON 2.0S S	TION CODE (SCC	ORMATION) CO No ORMATION)	SEG. NO. 4 OPERATING STAT X Active	DEVICE NO. CD0 US (CHECK ONE) Inactiv	PM25 I	Dism FIL 0000	DE CODE 217 nantled	7

FACILITY NAME NEW MADRID POWER PLANT MARSTON EMISSION UNIT NO. SOURCE CLASSIFICATION CODE					FIPS COUNTY	(NO. 143	PLANT NO.		YEAR OF DATA	014	
EMISSION UNIT NO.		;			;)	SEG. NO.	DEVICE NO.		DEVICE CODE		
EP-05	; 		30	501011		4	CDC	3	2	.17	
CONTROL DEVICE DESCRIPTION WET (CHEMICAL	. DUST	SUPPRESSIC	DN		OPERATING STAT Active	TUS (CHECK ONE) Inactiv	е 🗆 С	Dismantled		
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VEN	T ONLY?	X Yes	No	•					
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CO	NTROL DEV	ICE (LISTED ON 2.0S S	STACK/VENT INF	ORMATION)	V-2					
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F	IL NH3	PM CON	
CAPTURE EFFICIENCY (%)	100.0000										
CONTROL DEVICE EFFICIENCY (%)	65.0000										
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS				•				•		
EMISSION UNIT NO.	•	;	SOURCE CLASSIFICAT	TION CODE (SCC	:)	SEG. NO.	DEVICE NO.		DEVICE CODE		
EP-05	;		30	501011		4	CDC				
CONTROL DEVICE DESCRIPTION						OPERATING STAT	US (CHECK ONE)				
	FABRIC FI	LTER L	OW TEMP			× Active	☐Inactiv	е 🏻 🗀	Dismantled		
ARE THE EMISSIONS CONTROLLED	THROUGH THE	STACK/VEN	IT ONLY?	X Yes	No						
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CO	NTROL DEV	ICE (LISTED ON 2.0S S	STACK/VENT INF	ORMATION)	V-2					
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F	IL NH3	PM CON	
CAPTURE EFFICIENCY (%)	100.0000							100.00	00		
CONTROL DEVICE EFFICIENCY (%)	90.0000							90.000	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS		'	•		•	•	•	•		
EMISSION UNIT NO.	•	;	SOURCE CLASSIFICAT	TION CODE (SCC	;)	SEG. NO.	DEVICE NO.		DEVICE CODE		
EP-05	;		30	501011		4	CDC	6	1	27	
CONTROL DEVICE DESCRIPTION						OPERATING STAT	US (CHECK ONE)				
			_OW TEMP			× Active	∐Inactiv	е Ц	Dismantled		
ARE THE EMISSIONS CONTROLLED				Yes	No	I					
LIST ALL STACK/VENT NUMBERS SI			`		,	V-2					
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F		PM CON	
CAPTURE EFFICIENCY (%)	100.0000							100.00	00		
CONTROL DEVICE EFFICIENCY (%)	99.0000							99.000	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS										

FACILITY NAME NEW MADRID POWER PLANT MARSTON EMISSION UNIT NO. SOURCE CLASSIFICATION CODE (FIPS COUNTY	^{(NO.} 143	PLANT NO.	04	YEAR (оf data 201 -	4
EMISSION UNIT NO.	5	,		TION CODE (SCC 0501011	()	SEG. NO.	DEVICE NO.	01	DEVIC	E CODE 127	7
CONTROL DEVICE DESCRIPTION	FABRIC FIL	TER L	OW TEMP			OPERATING:	STATUS (CHECK ONE		Disma	antled	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VEN	T ONLY?	X Yes	No						
LIST ALL STACK/VENT NUMBERS SI	HARING THIS CON	ITROL DEV	ICE (LISTED ON 2.0S	STACK/VENT INF	ORMATION)	V-2					
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	CO	LEA	D HAP(s)	PM25 I	FIL	NH3	PM CON
CAPTURE EFFICIENCY (%)	100.0000										
CONTROL DEVICE EFFICIENCY (%)	99.0000										
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS										
EMISSION UNIT NO.		;	SOURCE CLASSIFICA	TION CODE (SCC	()	SEG. NO.	DEVICE NO.		DEVIC	E CODE	
EP-06	EP-06 30501010					1	CD	09		127	7
CONTROL DEVICE DESCRIPTION		<u> </u>					STATUS (CHECK ONE)			
	FABRIC FIL	TER L	OW TEMP			⊠ Active	e	ve 🔲	Disma	antled	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	STACK/VEN	T ONLY?	X Yes	No						
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	ITROL DEV	ICE (LISTED ON 2.0S	STACK/VENT INF	ORMATION)	V-3					-
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEA	D HAP(s)	PM25 I	FIL	NH3	PM CON
CAPTURE EFFICIENCY (%)	100.0000							100.00	000		
CONTROL DEVICE EFFICIENCY (%)	90.0000							90.00	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS										
EMISSION UNIT NO.	•	;	SOURCE CLASSIFICA	TION CODE (SCC	()	SEG. NO.	DEVICE NO.		DEVIC	E CODE	
EP-07	•		30	501015		1	CD	07		127	7
CONTROL DEVICE DESCRIPTION	- A D D I O - EII		014/ TELID				STATUS (CHECK ONE)			
	FABRIC FIL					× Active	e ∐Inacti	ve 🏻	Disma	antled	
ARE THE EMISSIONS CONTROLLED	ROLLED THROUGH THE STACK/VENT ONLY? X Yes No										
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	ITROL DEV	ICE (LISTED ON 2.0S	STACK/VENT INF	ORMATION)	V-4					
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEA	D HAP(s)	PM25 I	FIL	NH3	PM CON
CAPTURE EFFICIENCY (%)	100.0000							100.00	000		
CONTROL DEVICE EFFICIENCY (%)	99.0000							99.00	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS										

FACILITY NAME NEW MADRID POWER PLANT MARSTON EMISSION UNIT NO. SOURCE CLASSIFICATION CODE					FIPS COUNTY	′NO. 143	PLANT NO.	4	YEAR OF DA	.TA 201	4
EMISSION UNIT NO.		8	SOURCE CLASSIFICAT	TION CODE (SCO	C)	SEG. NO.	DEVICE NO.		DEVICE COD	ÞΕ	
EP-07	•		30	501015		2	CDC	7		127	7
CONTROL DEVICE DESCRIPTION		I.				OPERATING STAT	TUS (CHECK ONE)				
	FABRIC FIL	TER L	OW TEMP			× Active	☐Inactiv	e 🔲	Dismantle	ed	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	TACK/VEN	T ONLY?	Yes	No	•					
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	ITROL DEV	ICE (LISTED ON 2.0S S	STACK/VENT INF	FORMATION)	V-4					
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F	FIL N	Н3	PM CON
CAPTURE EFFICIENCY (%)	100.0000							100.00	000		
CONTROL DEVICE EFFICIENCY (%)	99.0000							99.000	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS										
EMISSION UNIT NO.	<u>'</u>	\$	SOURCE CLASSIFICAT	TION CODE (SC	C)	SEG. NO.	DEVICE NO.		DEVICE COD	ÞΕ	
EP-11			30	501110		1	CDC	2		217	7
CONTROL DEVICE DESCRIPTION		<u> </u>				OPERATING STAT	TUS (CHECK ONE)				
	WAT	ER SPF	RAY			× Active	☐Inactiv	е 🔲 г	Dismantle	ed	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	TACK/VEN	T ONLY?	Yes	X No						
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	ITROL DEV	ICE (LISTED ON 2.0S S	STACK/VENT INF	ORMATION)						
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F	FIL N	H3	PM CON
CAPTURE EFFICIENCY (%)	100.0000							100.00	000		
CONTROL DEVICE EFFICIENCY (%)	50.0000							50.000	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS		•	•	•	•	•	•			
EMISSION UNIT NO.		5	SOURCE CLASSIFICAT	TION CODE (SC	C)	SEG. NO.	DEVICE NO.		DEVICE COD	ÞΕ	
FE-01			30	501043		1	CDC	2		217	7
CONTROL DEVICE DESCRIPTION		<u> </u>				OPERATING STAT	TUS (CHECK ONE)				
	WAT	ER SPF	RAY			× Active	□Inactiv	е 🔲 г	Dismantle	ed	
ARE THE EMISSIONS CONTROLLED	THE EMISSIONS CONTROLLED THROUGH THE STACK/VENT ONLY?										
LIST ALL STACK/VENT NUMBERS SH			,		,		_		•		
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F	FIL N	H3	PM CON
CAPTURE EFFICIENCY (%)	100.0000							100.00	000		
CONTROL DEVICE EFFICIENCY (%)	50.0000							50.000	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS										

FACILITY NAME NEW MADRID POWEF	OWER PLANT MARSTON SOURCE CLASSIFICATION CODE (FIPS COUNTY NO. 143 E (SCC) SEG. NO.		PLANT NO. 000	4	YEAR (OF DATA 201	4
EMISSION UNIT NO. FE-01		S		TION CODE (SCC 502007	:)	SEG. NO.	DEVICE NO.)2	DEVIC	E CODE 217	7
CONTROL DEVICE DESCRIPTION	WAT	ER SPR	XAY			OPERATING STATI	us (CHECK ONE) Inactiv	re □ı	Disma	antled	
ARE THE EMISSIONS CONTROLLED				Yes	X No						
LIST ALL STACK/VENT NUMBERS SI							1	T =====			
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 I		NH3	PM CON
CAPTURE EFFICIENCY (%)	100.0000							100.00	000		
CONTROL DEVICE EFFICIENCY (%)	50.0000							50.00	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS					•					
EMISSION UNIT NO.		S	OURCE CLASSIFICAT	TON CODE (SCC	5)	SEG. NO.	DEVICE NO.		DEVIC	E CODE	
FE-02	!	30502011				1	CDC	8		217	7
CONTROL DEVICE DESCRIPTION						OPERATING STAT	US (CHECK ONE)				
	WAT	ER SPR	RAY			★ Active	□Inactiv	re 🔲 I	Disma	antled	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	TACK/VENT	ONLY?	Yes	X No						
LIST ALL STACK/VENT NUMBERS SI	HARING THIS CON	ITROL DEVI	CE (LISTED ON 2.0S S	STACK/VENT INF	ORMATION)						
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 I	FIL	NH3	PM CON
CAPTURE EFFICIENCY (%)	100.0000							100.00	000		
CONTROL DEVICE EFFICIENCY (%)	50.0000							50.00	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS				•						
EMISSION UNIT NO.	•	S	OURCE CLASSIFICAT	TON CODE (SCC	;)	SEG. NO.	DEVICE NO.		DEVIC	E CODE	
FE-03	}		30	501008		1	CDC)8		217	7
CONTROL DEVICE DESCRIPTION	\A/A T /		14.17			OPERATING STAT					
	VVAII	ER SPR	A Y			× Active	∐Inactiv	re ∐I	Disma	antled	
	THROUGH THE STACK/VENT ONLY?										
LIST ALL STACK/VENT NUMBERS SI					LIEAD	1 1145(-)	I DIMOS I		NILIO	DM CON	
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 I		NH3	PM CON
CAPTURE EFFICIENCY (%)	100.0000							100.00	000		
CONTROL DEVICE EFFICIENCY (%)	50.0000					50.00	00				
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS										

FACILITY NAME NEW MADRID POWER PLANT MARSTON EMISSION UNIT NO. SOURCE CLASSIFICATION CODE					FIPS COUNTY	′NO. 143	PLANT NO. 000	4	YEAR OF DA	^{TA} 201	4
EMISSION UNIT NO.			SOURCE CLASSIFICAT	TION CODE (SC	C)	SEG. NO.	DEVICE NO.		DEVICE COD	E	
FE-05	; 		30	501024		1	CDC)2		21	7
CONTROL DEVICE DESCRIPTION	\A/A T /		DAV			OPERATING STAT					
		ER SP				× Active	∐Inactiv	′е Ш[Dismantle	ed	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	TACK/VEN	T ONLY?	Yes	X No						
LIST ALL STACK/VENT NUMBERS SH			•		·		_				
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 I	FIL NI	H3	PM CON
CAPTURE EFFICIENCY (%)	100.0000							100.00	000		
CONTROL DEVICE EFFICIENCY (%)	50.0000							50.000	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS										
EMISSION UNIT NO.			SOURCE CLASSIFICAT	TION CODE (SC	C)	SEG. NO.	DEVICE NO.		DEVICE COD	E	
FE-06	FE-06 30502007					1	CDC)2		21	7
CONTROL DEVICE DESCRIPTION	ROL DEVICE DESCRIPTION WATER SPRAY					OPERATING STAT	US (CHECK ONE)	/e □	Dismantle	ed	
ARE THE EMISSIONS CONTROLLED	THROUGH THE S	TACK/VEN	T ONLY?	Yes	X No						
LIST ALL STACK/VENT NUMBERS SH	HARING THIS CON	TROL DEV	ICE (LISTED ON 2.0S S	STACK/VENT INF	FORMATION)						
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F	FIL NI	H3	PM CON
CAPTURE EFFICIENCY (%)	100.0000							100.00	000		
CONTROL DEVICE EFFICIENCY (%)	50.0000							50.000	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS								•		
EMISSION UNIT NO.			SOURCE CLASSIFICAT	TION CODE (SC	C)	SEG. NO.	DEVICE NO.		DEVICE COD	E	
FE-07	•		50	300810		1	CDC)2		21	7
CONTROL DEVICE DESCRIPTION						OPERATING STAT	US (CHECK ONE)				
	WAT	ER SP	RAY			× Active	□Inactiv	re □	Dismantle	ed	
ARE THE EMISSIONS CONTROLLED	TROLLED THROUGH THE STACK/VENT ONLY?										
LIST ALL STACK/VENT NUMBERS SH		TROL DEV	TICE (LISTED ON 2.0S S		,						
AIR POLLUTANT	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAP(s)	PM25 F		H3	PM CON
CAPTURE EFFICIENCY (%)	100.0000							100.00	000		
CONTROL DEVICE EFFICIENCY (%)	50.0000							50.000	00		
SOURCE OF EFFICIENCY (CODES)											
CAS NUMBER(S) FOR CONTROLLE	D HAPS		-								

FACILITY NAME NEW MADRID	POWER I	R PLANT MARSTON SOURCE CLASSIFICATION CODE (SCC)				3 COUNTY NO. 14:		PLANT N	o. 0004	YEAR OF DATA 2014
EMISSION UNIT NO.		SOURCE	CLASSIFICATION CODE (SCC 10100501		SEG	3. NO.	X Stack Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2 FIONAL AREA IN SQ FEET)
STACK/VENT NO. S-1		STACK/V	ENT DESCRIPTION BOILER #7	1 - BITUMINOU	s c	OAL		% OF EM	ISSIONS RELEASED	100.00
STACK/VENT OPERATIF	NG STATUS (CH	IECK ONE) Active	Inac	tive		Dism	nantled		
HEIGHT (FT.) 800.00	DIAMETER (F)		TEMPERATURE (F) 322.90	VELOCITY (FT./MIN.) 4,090.00		FLOW RATE ((CU FT./MIN.) 284,911.40)	LIST OTHER POINT	'S SHARING THIS STACK/VENT
EMISSION UNIT NO.		SOURCE	CLASSIFICATION CODE (SCC 10100223		SEG	2 2	X Stack Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A) ^M /2 TIONAL AREA IN SQ FEET)
STACK/VENT NO.		STACK/V	ENT DESCRIPTION BOILER #1	1 - BITUMINOU	s c	OAL		% OF EM	ISSIONS RELEASED	100.00
STACK/VENT OPERATIN	NG STATUS (CH	IECK ONE) X Active	Inac	tive		Dism	nantled		
HEIGHT (FT.) 800.00	DIAMETER (F) 20.00		TEMPERATURE (F) 322.90	VELOCITY (FT./MIN.) 4,090.00		FLOW RATE (CU FT./MIN.) 284,911.40)	LIST OTHER POINT	S SHARING THIS STACK/VENT
EMISSION UNIT NO.		SOURCE	CLASSIFICATION CODE (SCC 10100203		SEG	i. NO.	X Stack Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2 TIONAL AREA IN SQ FEET)
STACK/VENT NO. S-1		STACK/V	ENT DESCRIPTION BOILER #1	1 - BITUMINOU	s c	OAL		% OF EM	ISSIONS RELEASED	100.00
STACK/VENT OPERATION	NG STATUS (CH	IECK ONE) Active	Inac	tive		Dism	nantled		
HEIGHT (FT.) 800.00	DIAMETER (FT 20.00		TEMPERATURE (F) 322.90	VELOCITY (FT./MIN.) 4,090.00		FLOW RATE ((CU FT./MIN.) 284,911.40)	LIST OTHER POINT	S SHARING THIS STACK/VENT
EMISSION UNIT NO.		SOURCE	CLASSIFICATION CODE (SCC 10101302	•	SEG	4	X Stack Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2 TIONAL AREA IN SQ FEET)
STACK/VENT NO.		STACK/V	ENT DESCRIPTION					% OF EM	ISSIONS RELEASED	,
S-1			BOILER #	1 - BITUMINOU	S C	OAL				100.00
STACK/VENT OPERATIN	NG STATUS (CH	IECK ONE) Active	Inac	tive		Dism	nantled		
HEIGHT (FT.) 800.00	DIAMETER (FT 20.00	•	TEMPERATURE (F) 322.90	VELOCITY (FT./MIN.) 4,090.00		FLOW RATE (CU FT./MIN.) 284,911.40)	LIST OTHER POINT	S SHARING THIS STACK/VENT

FACILITY NAME						FIPS COUNTY NO.		PLANT N	О.	YEAR OF DATA		
NEW MADRID	POWER I	R PLANT MARSTON				143			0004	2014		
EMISSION UNIT NO.		SOURCE	CLASSIFICATION CODE (SCO	C)	SEG	G. NO.	X Stack		FOR A NO	NI CIDCUII AD CTACIA		
EP-02	,		1010050	1		2				N-CIRCULAR STACK: 'ER = (1.128A)^1/2		
EP-02	2		10100501	I		3				FIONAL AREA IN SQ FEET)		
STACK/VENT NO.		STACK/V	ENT DESCRIPTION		-		•	% OF EM	IISSIONS RELEASED)		
S-2			BOILER #2-	SUBBITUMINO	US	COAL				100.00		
STACK/VENT OPERATII	NG STATUS (CH	IECK ONE	Active	Inac	tive		Disn	nantled				
HEIGHT (FT.)	DIAMETER (F	Γ.)	TEMPERATURE (F)	VELOCITY (FT./MIN.)		FLOW RATE (CU FT./MIN.)		LIST OTHER POINT	S SHARING THIS STACK/VENT		
800.00	20.00	00	351.40	4,200.00		1.3	19,400.00)				
000.00												
EMISSION UNIT NO.		SOURCE	DURCE CLASSIFICATION CODE (SCC) SEG. NO.						FOR A NOI	N-CIRCULAR STACK:		
EP-02	2		10100203							ER = (1.128A)^1/2		
STACK/VENT NO.		OT 1 OL ()	TACK/VENT DESCRIPTION					(A-CROSS SECTIONAL AREA IN SQTEET)				
		STACK/V			% OF EMISSIONS RELEASED							
S-2			BOILER #2-	SUBBITUMINO	US	COAL				100.00		
STACK/VENT OPERATII	NG STATUS (CH	IECK ONE	Active	Inac	tive		Disn	nantled				
HEIGHT (FT.)	DIAMETER (F	Γ.)	TEMPERATURE (F)	VELOCITY (FT./MIN.)	FLOW RATE (CU FT./MIN.)) LIST OTHER POINTS SHARING THIS STACK/VENT			
800.00	20.00	00	351.40	4,200.00	1,319,400.00				00			
EMISSION UNIT NO.		SOURCE	L CLASSIFICATION CODE (SCO	C)	SEG. NO. X Stack			k FOR A NON-CIRCULAR STACK:				
ED 00			4040000	_		•				N-CIRCULAR STACK: 'ER = (1.128A)^1/2		
EP-02	2		10100223	3		2				FIONAL AREA IN SQ FEET)		
STACK/VENT NO.		STACK/V	ENT DESCRIPTION		-		-	% OF EM	IISSIONS RELEASED)		
S-2			BOILER #2-	SUBBITUMINO	US	COAL				100.00		
STACK/VENT OPERATII	NG STATUS (CH	IECK ONE	Active	Inac	tive		Disn	nantled				
HEIGHT (FT.)	DIAMETER (F	Γ.)	TEMPERATURE (F)	VELOCITY (FT./MIN.)		FLOW RATE (CU FT./MIN.)		LIST OTHER POINT	S SHARING THIS STACK/VENT		
800.00	20.00	00	351.40	4,200.00		1,3	19,400.00)				
EMISSION UNIT NO.		SOURCE	CLASSIFICATION CODE (SCC	C)	SEG	G. NO.	X Stack		FOR A NOI	N-CIRCULAR STACK:		
EP-02	2		10101302	2		4	Vent			ER = (1.128A)^1/2 ΓΙΟΝΑL AREA IN SQ FEET)		
STACK/VENT NO.		STACK/V	/ENT DESCRIPTION					% OF EM	IISSIONS RELEASED	,		
S-2				SHRRITHMINO	110	COAL		,, ,,		100.00		
		BOILER #2-SUBBITUMINOL				COAL				100.00		
STACK/VENT OPERATII	NG STATUS (CH	(CHECK ONE)				<u> </u>		nantled				
HEIGHT (FT.)	DIAMETER (F	Г.)	TEMPERATURE (F)	VELOCITY (FT./MIN.)		FLOW RATE (CU FT./MIN.)		LIST OTHER POINT	S SHARING THIS STACK/VENT		
800.00	20.00	00	351.40	4,200.00		1,3	19,400.00)				

FACILITY NAME NEW MADRID	POWER I	R PLANT MARSTON SOURCE CLASSIFICATION CODE (SCC)				S COUNTY NO. 143		PLANT N	o. 0004	YEAR OF DATA 2014
EMISSION UNIT NO.	3	SOURCE	ECLASSIFICATION CODE (SCC 20100102		SEG	3. NO. 1	➤ Stack ☐ Vent		DIAMET	N-CIRCULAR STACK: 'ER = (1.128A)^1/2 IIONAL AREA IN SQ FEET)
STACK/VENT NO. S-3		STACK/V	EMERG	SENCY GENERA	ΛTC	DR		% OF EM	IISSIONS RELEASED	100.00
STACK/VENT OPERATION	NG STATUS (CH	IECK ONE	Active	Inact	ive		Dism	nantled		
HEIGHT (FT.) 18.00	DIAMETER (FT 0.92	,	TEMPERATURE (F) 302.00	VELOCITY (FT./MIN.) 13,022.00		FLOW RATE (CU FT./MIN.) 3,656.52		LIST OTHER POINT	S SHARING THIS STACK/VENT
EMISSION UNIT NO.	1	SOURCE	ECLASSIFICATION CODE (SCC		SEG	3. NO. 1	➤ Stack ☐ Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2 FIONAL AREA IN SQ FEET)
STACK/VENT NO.		STACK/V	ACK/VENT DESCRIPTION COAL UNLOADING					% OF EM	IISSIONS RELEASED	100.00
STACK/VENT OPERATIN	NG STATUS (CH	IECK ONE	Active	Inact	ive		Dism	nantled		
HEIGHT (FT.) 10.00	DIAMETER (FT 9.00	,	TEMPERATURE (F) 101.00	VELOCITY (FT./MIN.) 1,998.00		FLOW RATE (CU FT./MIN.) 27,194.00		LIST OTHER POINT	S SHARING THIS STACK/VENT
EMISSION UNIT NO.	5	SOURCE	CLASSIFICATION CODE (SCC		SEG	3. NO. 1	X Stack Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2 FIONAL AREA IN SQ FEET)
STACK/VENT NO. V-2		STACK/V	VENT DESCRIPTION	OAL CRUSHING				% OF EM	IISSIONS RELEASED	100.00
STACK/VENT OPERATIN	NG STATUS (CH	IECK ONE	X Active	Inact	ive		Dism	nantled		
HEIGHT (FT.) 5.70	DIAMETER (FT 2.17	,	TEMPERATURE (F) 77.00	VELOCITY (FT./MIN.) 13,022.00		FLOW RATE (CU FT./MIN.) 8,160.06		LIST OTHER POINT	S SHARING THIS STACK/VENT
EMISSION UNIT NO.	5	SOURCE	CLASSIFICATION CODE (SCC 30501011		SEG	3. NO. 2	X Stack Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2 TIONAL AREA IN SQ FEET)
STACK/VENT NO.		STACK/V	/ENT DESCRIPTION	DAL CRUSHING				% OF EM	IISSIONS RELEASED	<u>, </u>
STACK/VENT OPERATION	NG STATUS (CH	IECK ONE	Active	Inact	ive		Dism	nantled		
HEIGHT (FT.) 5.70	DIAMETER (FT 2.17		TEMPERATURE (F) 77.00	VELOCITY (FT./MIN.) 13,022.00		FLOW RATE (CU FT./MIN.) 8,160.06		LIST OTHER POINT	S SHARING THIS STACK/VENT

FACILITY NAME NEW MADRID	POWER F	R PLANT MARSTON SOURCE CLASSIFICATION CODE (SCC)				FIPS COUNTY NO. 143 SEG. NO.			o. 0004	YEAR OF DATA 2014
EMISSION UNIT NO.	5	SOURCE	CLASSIFICATION CODE (SCC	,	SEG	3. NO.	X Stack Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2 TIONAL AREA IN SQ FEET)
STACK/VENT NO. V-2		STACK/V	ENT DESCRIPTION	DAL CRUSHING				% OF EM	ISSIONS RELEASED	100.00
STACK/VENT OPERATIN	NG STATUS (CH	IECK ONE	Active	Inact	ive		Dism	nantled		
HEIGHT (FT.) 5.70	DIAMETER (FT 2.17		TEMPERATURE (F) 77.00	VELOCITY (FT./MIN.) 13,022.00		FLOW RATE (CU FT./MIN.) 8,160.06		LIST OTHER POINT	S SHARING THIS STACK/VENT
EMISSION UNIT NO.		SOURCE	CLASSIFICATION CODE (SCC 30501011	,	SEG	6. NO. 4	X Stack		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2
STACK/VENT NO.	<u> </u>	STACK/V	ENT DESCRIPTION	<u>'</u>		•	☐ venr	% OF FM	(A=CROSS SECTIONS RELEASED	TIONAL AREÁ IN SQ FEET)
V-2		STACIV		DAL CRUSHING				70 OI LIV		100.00
STACK/VENT OPERATIN	NG STATUS (CH	ECK ONE	Active	Inact	ive		Dism	nantled		
HEIGHT (FT.) 5.70	DIAMETER (FT		TEMPERATURE (F) 77.00	VELOCITY (FT./MIN.) 13,022.00		FLOW RATE (CU FT./MIN.) 8,160.06		LIST OTHER POINT	S SHARING THIS STACK/VENT
	- ···			,			·			
EMISSION UNIT NO.	5	SOURCE	CLASSIFICATION CODE (SCC	,	SEG	3. NO. 1	X Stack Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2 TIONAL AREA IN SQ FEET)
STACK/VENT NO.		STACK/V	ENT DESCRIPTION					% OF EM	ISSIONS RELEASED)
V-3			CC	DAL CRUSHING						100.00
STACK/VENT OPERATIN	NG STATUS (CH	ECK ONE	Active	Inact	ive		Dism	nantled		
HEIGHT (FT.) 11.72	DIAMETER (FT 5.20		TEMPERATURE (F) 77.00	VELOCITY (FT./MIN.) 13,022.00		FLOW RATE (CU FT./MIN.) 76,550.38		LIST OTHER POINT	S SHARING THIS STACK/VENT
EMISSION UNIT NO.		SOURCE	CLASSIFICATION CODE (SCC	2)	SEG	6. NO.	X Stack		FOR A NOI	N-CIRCULAR STACK:
EP-07	r		30501015	5		1	☐ Vent		DIAMET	TER = (1.128A)^1/2 TIONAL AREA IN SQ FEET)
STACK/VENT NO.		STACK/V	ENT DESCRIPTION					% OF EM	ISSIONS RELEASED	
V-4				ASH LOADING						100.00
STACK/VENT OPERATIN	,		Active	Inact	ive		ш	nantled		
HEIGHT (FT.) 86.00	DIAMETER (FT 3.00	•	TEMPERATURE (F) 68.00	VELOCITY (FT./MIN.) 2,532.00		FLOW RATE (7,916.00		LIST OTHER POINT	S SHARING THIS STACK/VENT

FACILITY NAME NEW MADRID	POWER F	R PLANT MARSTON SOURCE CLASSIFICATION CODE (SCC)				3 COUNTY NO. 143	3	PLANT N	o. 0004	YEAR OF DATA 2014
EMISSION UNIT NO.	7	SOURCE	ECLASSIFICATION CODE (SCC 30501015		SEG	2 2	X Stack Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2 TIONAL AREA IN SQ FEET)
STACK/VENT NO. V-4		STACK/V	ENT DESCRIPTION	ASH LOADING				% OF EM	ISSIONS RELEASED	100.00
STACK/VENT OPERATIN	NG STATUS (CH	IECK ONE	Active	Inact	ive		Dism	nantled		
HEIGHT (FT.) 86.00	DIAMETER (FT	,	TEMPERATURE (F) 68.00	VELOCITY (FT./MIN.) 2,532.00		FLOW RATE (CU FT./MIN.) 7,916.00		LIST OTHER POINT	'S SHARING THIS STACK/VENT
EMISSION UNIT NO.	3	SOURCE	ECLASSIFICATION CODE (SCC 40400101		SEG	1 1	X Stack Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2 FIONAL AREA IN SQ FEET)
STACK/VENT NO. V-5		STACK/V	ENT DESCRIPTION GAS			% OF EM	ISSIONS RELEASED	100.00		
STACK/VENT OPERATIN	NG STATUS (CH	IECK ONE	Active	Inact				nantled		
HEIGHT (FT.) 8.00	DIAMETER (FT 0.25	,	TEMPERATURE (F) 77.00	VELOCITY (FT./MIN.) 6.00		FLOW RATE (0.29		LIST OTHER POINT	S SHARING THIS STACK/VENT
EMISSION UNIT NO.	3	SOURCE	CLASSIFICATION CODE (SCC		SEG	2 a. NO.	X Stack Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2 TIONAL AREA IN SQ FEET)
STACK/VENT NO.		STACK/V	VENT DESCRIPTION	OLINE STORAG				% OF EM	ISSIONS RELEASED	100.00
STACK/VENT OPERATIN	NG STATUS (CH	IECK ONE	Active	Inact	ive		Dism	nantled		
HEIGHT (FT.) 8.00	DIAMETER (FT 0.25	,	TEMPERATURE (F) 77.00	VELOCITY (FT./MIN.) 6.00		FLOW RATE (0.29		LIST OTHER POINT	'S SHARING THIS STACK/VENT
EMISSION UNIT NO.)	SOURCE	ECLASSIFICATION CODE (SCC 20200102	-,	SEG	1 1	X Stack ☐ Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2 TIONAL AREA IN SQ FEET)
STACK/VENT NO.		STACK/V	/ENT DESCRIPTION			_		% OF EM	ISSIONS RELEASED	
S-4				iesel Pumps (Qt	y =	8)				100.00
STACK/VENT OPERATIN			Z / isave	Inact	ive			nantled		
15.00	0.66		TEMPERATURE (F) 302.00	VELOCITY (FT./MIN.) 987.40		FLOW RATE (345.00		LIST OTHER POINT	IS SHARING THIS STACK/VENT

NEW MADRID POWER PLANT MARSTON					FIPS COUNTY NO. 143			PLANT N	NT NO. YEAR OF DATA 2014		
EMISSION UNIT NO.		SOURCE	CLASSIFICATION CODE (SCC 20200401	,	SEG.	NO.	X Stack Vent		DIAMET	N-CIRCULAR STACK: TER = (1.128A)^1/2 TIONAL AREA IN SQ FEET)	
STACK/VENT NO. STACK/VENT DESCRIPTION S-5 Temporary Air Cor			Air Compressor	Exh	naust		% OF EM	IISSIONS RELEASED	100.00		
STACK/VENT OPERATIN	NG STATUS (CHE	ECK ONE) X Active	Inact	tive		Disr	mantled			
HEIGHT (FT.) 15.00	0.667	<i>'</i>	TEMPERATURE (F) 1,152.00	VELOCITY (FT./MIN.) 9,470.10	F	FLOW RATE (C	,309.00		LIST OTHER POINT	S SHARING THIS STACK/VENT	

MISSOURI DEPARTMENT OF NATURAL RESOURCES
AIR POLLUTION CONTROL PROGRAM

EMISSIONS INVENTORY QUESTIONNAIRE, OR EIQ FORM 2.5L GENERAL LIQUID STORAGE TANK INFORMATION

FACILITY NAME		FI	PS COUNTY NO	O.	PLANT NO.		YEAR OF D	DATA
NEW MADRID PO	OWER PLANT I	MARSTON	143		0004		2014	
EMISSION UNIT NO.	TANK ID	SCC (BREATHING OR WORKING)	SEG. NO.	DIAMETER (FT	.)	HEIGHT (FT.)		LENGTH (FT.)
EP-08		40400101	1	8.0	000	8.0	0	0.00
CAPACITY (IN THOUSANDS (OF GALLONS)	THROUGHPUT (IN THOUSANDS OF GALLONS)	•	TANKS PROGE	RAM USED?	•		
3.0	0000	21.620000		Yes	× No			
				CHOOSE TYPE	,	IECK ONE)		
CAS NUMBER		CHEMICAL		X Vertical fi	xed roof		Vertical float	ting roof
8006	6-61-9	Gasoline		Horizonta	al fixed roof		Undergroun	d
EMISSION UNIT NO.	TANK ID	SCC (BREATHING OR WORKING)	SEG. NO.	DIAMETER (FT	.)	HEIGHT (FT.)		LENGTH (FT.)
EP-08		40400107	2	3.0	000	8.0	0	0.00
CAPACITY (IN THOUSANDS (OF GALLONS)	THROUGHPUT (IN THOUSANDS OF GALLONS)		TANKS PROGE	RAM USED?			•
3.0	0000	21.620000		Yes	× No			
				CHOOSE TYPE	,	IECK ONE)		
CAS NUMBER		CHEMICAL		X Vertical fi	xed roof		Vertical float	ting roof
8006	6-61-9	Gasoline		Horizonta	al fixed roof		Undergroun	d

MO 780-1444 (12-09)



MISSOURI DEPARTMENT OF NATURAL RESOURCES

AIR POLLUTION CONTROL PROGRAM

EMISSIONS INVENTORY QUESTIONNAIRE, OR EIQ FORM 3.0 EMISSIONS FEE CALCULATION

FACILITY NAME
NEW MADRID POWER PLANT MARSTON
FIPS COUNTY NO.
143
PLANT NO.
2014

NEW MADRID PC	WER PLAN	IT MARSTO	ON			143	00	004	2014	
1. EMISSION UNIT NO.	If more than	one page is	needed, use	the first row	on unit. Sum t of the duplica	the emissions ated page to I	s in the page ist the page	total box at the totals from this	ne bottom of s page. Exp	the column. ress figures
scc		_	and round to two decimal places.			AIR POLLUTANT				•
EP-01	PM10 FIL	SOx	NOx	VOC	СО	LEAD	HAPs	PM2.5 FIL	NH3	PM CON
10100501	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00
EP-01										
10100223	262.72	8,143.10	11,429.13	128.86	2,763.62	0.03	71.73	111.15	0.66	127.40
EP-01										
10100203	0.06	0.00	0.00	0.03	0.68	0.00	0.00	0.03	0.00	0.03
EP-01										
10101302	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EP-02										
10100501	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
EP-02										
10100203	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EP-02										
10100223	271.48	8,528.70	9,135.67	133.43	2,098.79	0.04	73.93	114.86	0.69	191.05
EP-02										
10101302	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EP-03										
20100102	0.05	0.14	2.10	0.17	0.45	0.00	0.00	0.05	0.00	0.00
EP-04		0.00	0.00	0.00					0.00	
30501008	0.01				0.00	0.00	0.00	0.00		0.00
EP-05										
30501011	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00
EP-05	0.00		0.00		0.00		0.00	0.04		
30501011	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
EP-05	0.00		0.00		0.00	2.22			0.00	0.00
30501011	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EP-05			0.00		0.00		0.00	0.04		
30501011	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
EP-06	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00
30501010	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00
EP-07	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
30501015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EP-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30501015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ED 00	ı	ı	1		I		1	1		1
EP-08	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
40400101										
EP-08	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
40400107										
EP-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20200102										
EP-10	0.00	0.02	0.07	0.00	0.05	0.00	0.00	0.00	0.00	0.00
20200401										
EP-11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30501110										
EP-12	6.64	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
30501110										
EP-14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30501110		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EP-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30501110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FE-01	7.11	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00
30501043	'	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00
FE-01	36.50	0.00	0.00	0.00	0.00	0.00	0.00	5.46	0.00	0.00
30502007	30.30	0.00	0.00	0.00	0.00	0.00	0.00	3.40	0.00	0.00
FE-02	1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00
30502011	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00
FE-03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30501008	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FE-04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30501024	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FE-05	0.40		0.00			0.00		2.00	2.22	2.22
30501024	2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00
FE-06										
30502007	1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00
FE-07										
50300810	4.69	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.00
PAGE TOTALS	595.77	16,671.96	20 566 97	262.86	4,863.59	0.07	145.66	235.56	1.34	318.48
Note: Fill out the lov	wer portion	of this form	one time onl	y.	,			200.00	1.04	310.40
2. ACTUAL EMISSION	•		-				•		A11.10	D14 0011
Total	PM10 TOTAL	SOx	NOx	VOC	СО	LEAD	HAPs	PM2.5 TOTAL	NH3	PM CON
IOIAI	914.25	16,671.96	20,566.97	262.86	4,863.59	0.07	145.66	554.04	1.34	Included in Total PM10 and
Copy the actual emis	sions from s		l e appropriate	box(es) in th	I ne Total Plant	Emissions s	ection of	55 ⁴ .0 ⁴		PM2.5
Form 1.0 General Pla			00 To: \\/:-	000 000 = II	tont)					
3. CHARGEABLE E	MISSIONS (I	viaximum 4,0	oo rons/yr. (ap per poliu						
Total	914.25	4,000.00	4,000.00	262.86	NO FEES FOR CO	0.07	145.66	NO FEES FOR PM2.5	NO FEES FOR NH3	PM CON is included in PM10 and PM2.5
4. SUM OF CHARGE										
Round chargeable er					nission		9.3	23.00		Tons/Yr.
tonnage is one ton, a	na the maxin	num is 12,000	u tons per ye	ar.			5,0	-		2

5. TOTAL ANNUAL EMISSIONS FEE		
Multiply the sum of chargeable emissions as calculated in section 4 by \$48 and enter this amount in section 5. The minimum fee is \$48.		\$ 372,920.00
6. ANNUAL EMISSIONS FEE REMITTED	TO THE CITY OF KANSAS CITY OR ST	. LOUIS COUNTY LOCAL AIR AGENCY
CHECK NUMBER	CHECK DATE	AMOUNT REMITTED IN CALENDAR YEAR OF RECORD \$ 0.00
7. ANNUAL EMISSIONS FEE REMITTED	TO THE STATE (SECTION 5 MINUS SE	CTION 6)
CHECK NUMBER	CHECK DATE	CHECK AMOUNT
		\$ 372,920.00
8. INCLUDE A CHECK FOR THE AMOU	NT IN SECTION 7, PAYABLE TO THE MIS	SSOURI AIR POLLUTION CONTROL PROGRAM.
Mail the check for the emissions fee to the	State Air Agency listed on Form 1.0.	
9. SEND THE COMPLETED QUESTIONN FORM 1.0 GENERAL PLANT INFORMA		ENTATION TO THE AGENCY LISTED AT THE BOTTOM OF

MO 780-1509 (11-15)

	•	•	
FACILITY NAME	FIPS COUNTY NO.	PLANT NO.	YEAR OF DATA
NEW MADRID POWER PLANT MARSTON	143	0004	2014
		!	

The Missouri Air Conservation Law, Chapter 643, requires a financial cost estimate. The cost estimate is an evaluation of any additional costs of doing business attributable to the Federal Clean Air Act, as amended.

Calculate the cost and expenses incurred to complete the Emission Inventory Questionnaire, including the calculation of emission fees. If you hired an outside consultant, include the time and money charged to your company. Also include any cost incurred if you installed air pollution control equipment, any additional monitoring or testing expense or any additional personnel costs incurred to comply with the Missouri Air Conservation Law and the Federal Clean Air Act, as amended.

Be sure to use the codes found in the instructions: www.dnr.mo.gov/env/apcp/eig/eiginformation.htm.

	CATEGORY REPORTING	CODE FOR PERSONNEL OR EQUIPMENT	NUMBER OF EMPLOYEES	TOTAL NUMBER OF HOURS REQUIRED	COST PER HOUR	TOTAL COST
ē	EIQ reviewed and completed by company personnel (engineers, technical specialists, others).	A04 : Coordinator (Compliance, Environmental, Facility, Permit, and Safety)	1	60.0	60.00	3,600.00
•	EIQ reviewed and completed by company personnel (engineers, technical specialists, others).	A25 : Senior Field Specialist	1	24.0	60.00	1,440.00
	EIQ reviewed and completed by company personnel (engineers, technical specialists, others).	A26 : Senior Specialist	1	8.0	60.00	480.00
3.	Pollution control equipment, monitoring, or testing (List items separately).	D02 : CEM Operations and Maintenance				32,000.00
	with complying with the Clean Air Act,	B07 : Maintenance of Control Equipment				2,006,500.00
	and the common hadron and the theory Olerana Adm And	E03 : Emission Fees				372,920.00
•	Personnel and other costs associated with complying with the Clean Air Act, as amended, not included above.	EXX : Allowances				1,044,050.00
	Total					3,460,990.00

MO 780-1622 (12-09)